

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88031B
<b>Lock Date:</b>	04/20/2000
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	05/24/2001

Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:04  
First Dose M/F: NA / NA  
Lab: BAT

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 9900431
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyms	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Hyperplasia Nephropathy	Focal, Minimal Minimal
* Liver		Clear Cell Focus Inflammation Mixed Cell Focus	Chronic, Minimal
[ Clear Cell Focus TGLS = 2,3-11+9 ] [ Mixed Cell Focus TGLS = 2,4-11+10 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900432

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Heart	Artery	Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 2,3-9+10 ]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:04  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 3                      TRT#: 1                      SEX: Male                      DAY ON TEST: 731  
DOSE: 0.0%                      DISP: Terminal Sacrifice                      HISTO: 9900433

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid 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	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Epididymis		Granuloma Sperm Syncytial Alteration	Mild Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Adenoma Nephropathy	Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Inflammation Necrosis	Multiple Chronic, Minimal Focal, Minimal
		[ Eosinophilic Focus TGLS = 4-5 ] [ Hepatocellular Adenoma TGLS = 3-10 ]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Marked
		[ Cyst TGLS = 1-8 ]	
* Sem Ves			

Note: Minimal hemorrhage in sem ves; cannot be coded because not on menu.

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900433

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900434

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 5-5 ]			
[ Eosinophilic Focus TGLS = 4-9,5-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 4

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900434

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900435

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[ Clear Cell Focus TGLS = 3-10 ]	
		[ Eosinophilic Focus TGLS = 4-5 ]	
		[ Hepatocellular Adenoma TGLS = 2-9 ]	
* Preputial Gland		Cyst	Marked
		[ Cyst TGLS = 1-8 ]	
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900436

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Moderate
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatodiaphragmatic Nodule	
[ Clear Cell Focus TGLS = 4-11,6-4 ]			
[ Eosinophilic Focus TGLS = 5-3 ]			
[ Hepatocellular Adenoma TGLS = 3-10 ]			
[ Hepatodiaphragmatic Nodule TGLS = 2-9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 7-12 ]			
* Parathyroid Gland			
Note: Cannot be entered into data tables using histology menu, but ectopic salivary gland is incorporated into parathyroid.			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900436
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Tooth	Malformation
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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 9900437
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900438

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
		[ Clear Cell Focus TGLS = 4-5 ]	
		[ Hepatocellular Adenoma TGLS = 3-10 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Moderate
		[ Necrosis TGLS = 1-9 ]	
* Pancreas		Fibrosis	Moderate
		[ Fibrosis TGLS = 2-5 ]	
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 9                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 730  
**DOSE:** 0.0%                      **DISP:** Terminal Sacrifice                      **HISTO:** 9900439

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum		Polyp Adenomatous	
[ Polyp Adenomatous TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Cyst	Mild
		Infarct	Mild
		Nephropathy	Minimal
[ Cyst TGLS = 2-11 ]			
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 4-10 ]			
[ Mixed Cell Focus TGLS = 3-4 ]			
* Preputial Gland		Cyst	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Hyperplasia	Focal, Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH                      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900439

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900440

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Adenoma	Minimal Focal, Minimal
Harderian Gland [ Adenoma TGLS = 6-10 ]			
* Heart	Myocardium	Inflammation	Chronic Active, Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 3,4,7-5+4+9 ]			
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst	Moderate
* Spleen [ Hematopoietic Cell Proliferation TGLS = 5-4 ]		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach [ Squamous Cell Carcinoma TGLS = 2-11 ]		Squamous Cell Carcinoma	
* Stomach, Glandular		Inflammation	Chronic, Moderate
Tooth		Malformation	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900440

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900441

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Gallbladder	Epithelium	Cytoplasmic Alteration	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Necrosis	Focal, Minimal
[ Clear Cell Focus TGLS = 3-5 ]			
[ Necrosis TGLS = 3-4 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900442

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 13

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 629

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900443

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* 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, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Inflammation	Acute, Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
	[ Mixed Cell Focus TGLS = 2-5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-10 ]		
* Spleen	Lymph Follic	Atrophy	Marked
Urethra		Inflammation	Suppurative, Moderate

**PRIMARY CAUSE OF DEATH** - Kidney Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:04  
First Dose M/F: NA / NA  
Lab: BAT

**ANIMAL ID:** 14      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 730  
**DOSE:** 0.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900444

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Focal, Minimal
* Intestine Large, Colon		Inflammation	Suppurative, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Cyst	Mild
		Infarct	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
			[ Eosinophilic Focus TGLS = 5,9-11+15 ]
			[ Hepatocellular Adenoma TGLS = 3,4-9+10 ]
			[ Mixed Cell Focus TGLS = 6-12 ]
			[ Necrosis TGLS = 8-14 ]
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
Mesentery	Fat	Necrosis	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900444
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Necrosis TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Glandular		Inflammation	Chronic, Minimal
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900445
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Hypertrophy Hyperplasia Nephropathy Clear Cell Focus Mixed Cell Focus	Minimal Focal, Mild Focal, Mild Mild Minimal
* Islets, Pancreatic			
* Kidney			
* Liver			
[ Clear Cell Focus TGLS = 3-4 ]			
[ Mixed Cell Focus TGLS = 2-5 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 16

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 708

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900446

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Fasciul, Zona Reticul	Vacuolization Cytoplasmic	Marked
* Epididymis		Inflammation	Chronic, Mild
* Intestine Large, Rectum	Epithelium	Hyperplasia	Focal, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 2-10 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 3-9 ]		
* Pituitary Gland	Pars Intermed	Adenoma	
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Chronic, Mild
	[ Cyst TGLS = 1-8 ]		
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Forestomach		Inflammation	Suppurative, Focal, Mild
	[ Inflammation TGLS = 4-5 ]		
* Testes	Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 17

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 556

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900447

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Epididymis		Granuloma Sperm	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Preputial Gland		Cyst	Mild
* Spleen	Lymph Follic	Atrophy	Mild
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 18

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 603

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900448

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Mild
	[ Hepatocellular Carcinoma TGLS = 1-9+10 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 2-3 ]		
* Lymph Node, Mandibular		Infiltration Cellular	Megakaryocyte, Minimal
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 19

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900449

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Duodenum		Hemangioma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Clear Cell Focus TGLS = 2-5 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900450

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* 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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
Note: The large hepatic tumor is a candidate for benign mixed hepatocellular/bile duct neoplasm. [ Hepatocellular Adenoma TGLS = 2,3-4+9+10 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[ Lymphoma Malignant TGLS = 1-4 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 546
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9900451

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mandibular	* 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	

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[ Hepatocellular Carcinoma TGLS = 1-5 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 22

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 666

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900452

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Gallbladder	* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma Necrosis	Focal, Moderate
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lung		Hepatocellular Carcinoma Cyst	Metastatic (Liver) Mild
* Preputial Gland			
	[ Cyst TGLS = 1-8 ]		
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Marked Marked

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900453

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma Mixed Cell Focus	
		[ Hepatocellular Adenoma TGLS = 2-4 ]	
		[ Mixed Cell Focus TGLS = 3-10 ]	
* Skin	Ear, Pinna	Neural Crest Tumor	
		[ Neural Crest Tumor TGLS = 1-9 ]	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 24                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 730  
**DOSE:** 0.0%                      **DISP:** Terminal Sacrifice                      **HISTO:** 9900454

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 2-5 ]			
Peritoneum		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 4-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
[ Hyperplasia TGLS = 5-5 ]			
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 25

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900455

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia Hyperplasia	Minimal Focal, Minimal
* Gallbladder	Epithelium	Cytoplasmic Alteration Carcinoma	Moderate
* Intestine Small, Jejunum			
[ Carcinoma TGLS = 4-11 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Metaplasia Nephropathy	Osseous, Minimal Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Mixed Cell Focus	
<p>Note: The large liver mass is a candidate for mixed hepatocellular/biliary cell tumor; I think it's benign.            [ Hepatocellular Adenoma TGLS = 2-10 ]            [ Mixed Cell Focus TGLS = 3-9 ]</p>			
* Lung		Alveolar/Bronchiolar Carcinoma	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**      -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 26

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900456

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Moderate
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
[ Infarct TGLS = 1-4 ]			
* Liver		Infiltration Cellular	Polymorphnuclr, Minimal
		Inflammation	Chronic, Minimal
Tooth		Malformation	
* Urinary Bladder		Inflammation	Suppurative, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900457

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy Inflammation	Mild Focal, Minimal
* Heart	Myocardium	Hyperplasia Nephropathy	Chronic Active, Focal, Minimal
* Islets, Pancreatic		Clear Cell Focus Eosinophilic Focus Mixed Cell Focus	Mild Minimal
* Kidney			
* Liver			
[ Eosinophilic Focus TGLS = 2-9 ]			
[ Mixed Cell Focus TGLS = 1-3 ]			
* Preputial Gland		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 28

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900458

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
* Bone		Fibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
	Papilla	Necrosis	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
		[ Clear Cell Focus TGLS = 1,2-4+5+9 ]	
		[ Eosinophilic Focus TGLS = 2-9 ]	
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		[ Hyperplasia TGLS = 3-3 ]	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 592 <b>HISTO:</b> 9900459
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mandibular	* 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		

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**MISSING**

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2-5 ] [ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Lung		Thrombosis	Minimal

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900460

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Suppurative, Minimal
[ Cyst TGLS = 1-8 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 31

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900461

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Intestine Small, Jejunum [ Hyperplasia TGLS = 3-5 ]	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver  [ Clear Cell Focus TGLS = 2-4+5 ]		Clear Cell Focus Inflammation	Chronic, Minimal
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst	Minimal
* Spleen Tooth	Lymph Follic	Atrophy Malformation	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900462
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Bone		Fibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[ Hepatocellular Carcinoma TGLS = 2,4-4+5 ]		
	[ Mixed Cell Focus TGLS = 3-9 ]		
* Preputial Gland		Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900463
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* 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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Hypertrophy Inflammation Cardiomyopathy Hyperplasia Nephropathy Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	Moderate Focal, Minimal Focal, Mild Granulomatous, Mild Minimal Mild Mild
* Esophagus			
* Heart			
* Islets, Pancreatic			
* Kidney			
* Liver			
[ Clear Cell Focus TGLS = 3-4 ]			
[ Eosinophilic Focus TGLS = 2-9,3-10 ]			
[ Hepatocellular Adenoma TGLS = 1-5 ]			
Tooth		Malformation	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 34

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900464

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
		Necrosis	Focal, Moderate
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 5,6,7,8,9-10 ]			
Lymph Node	Mediastinal	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900465

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 36

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900466

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* 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
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Suppurative, Mild
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 37

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900467

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 4,5-4+5+10 ]			
[ Eosinophilic Focus TGLS = 6-10 ]			
[ Hepatocellular Adenoma TGLS = 3-4 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 38

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900468

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	
		[ Clear Cell Focus TGLS = 1,2-10+11 ]	
		[ Eosinophilic Focus TGLS = 2-11,1-10 ]	
		[ Hepatocellular Adenoma TGLS = 3-9 ]	
* Preputial Gland		Cyst	Minimal
		[ Cyst TGLS = 5-8 ]	
Skel Muscle			
		Note: Hemorrhage present in seminal vesicle, but menu does not contain this diagnosis.	
* Spleen	Lymph Follic	Hyperplasia	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900469

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		[ Clear Cell Focus TGLS = 2-9 ]	
		[ Hepatocellular Carcinoma TGLS = 1-4 ]	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		[ Alveolar/Bronchiolar Carcinoma TGLS = 3,4-10 ]	
* Preputial Gland		Inflammation	Suppurative, Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 40

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 575

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900470

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* 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, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Papilla	Necrosis	Minimal
* Liver		Hepatocellular Carcinoma	
* Spleen	Lymph Follic	Atrophy	Moderate
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:04  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 41                      TRT#: 1                      SEX: Male                      DAY ON TEST: 731  
DOSE: 0.0%                      DISP: Terminal Sacrifice                      HISTO: 9900471

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	[ Hepatocellular Carcinoma TGLS = 1,2,-9+10 ]		
	[ Mixed Cell Focus TGLS = 3,4-5+3 ]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 42

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900472

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hemangioma	
		Inflammation	Chronic, Moderate
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 8-9 ]			
[ Hemangioma TGLS = 2-4 ]			
[ Inflammation TGLS = 3,7-3+4+5+9 ]			
[ Mixed Cell Focus TGLS = 5,6-5+9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 4-9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 416 <b>HISTO:</b> 9900473
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* 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			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Inflammation	Suppurative, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 44

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900474

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia Mesothelioma Malignant	Minimal
* Epididymis Harderian Gland [ Carcinoma TGLS = 1-9 ]		Mesothelioma Malignant Carcinoma	
* Heart	Myocardium	Mineralization	Minimal
* Intestine Small, Duodenum		Necrosis	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver [ Necrosis TGLS = 3-10 ]		Necrosis	Focal, Moderate
* Lung [ Carcinoma TGLS = 2-3 ]		Carcinoma	Metastatic (Harderian Gland)
Mesentery		Mesothelioma Malignant	
* Pancreas [ Mesothelioma Malignant TGLS = 4-10 ]		Mesothelioma Malignant	
* Seminal Vesicle Note: Seminal vesicles have hemorrhage, corresp to gross discoloration. Menu does not contain "hemorrhage."		Mesothelioma Malignant	
Skeletal Muscle		Mesothelioma Malignant	
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Inflammation	Suppurative, Focal, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9900474

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Tooth	Malformation
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<b>PRIMARY CAUSE OF DEATH</b>	- Harderian Gland Carcinoma
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900475

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Infarct	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 3-9 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-10 ]			
* Nose		Hyperostosis	Moderate
* Preputial Gland		Cyst	Minimal
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900476

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Seminal Vesicle		Hyperplasia	Minimal
[ Hyperplasia TGLS = 1-9 ]			
Tooth		Malformation	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900477

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Cyst	Marked
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 48

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900478

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* 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	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Nephropathy Clear Cell Focus Eosinophilic Focus	Minimal Focal, Minimal Mild
* Kidney			
* Liver			
[ Eosinophilic Focus TGLS = 2,3-4+5 ]			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 49

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900479

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		[ Alveolar/Bronchiolar Carcinoma TGLS = 2,3-9 ]	
* Preputial Gland		Cyst	Mild
		[ Cyst TGLS = 1-8 ]	
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 50

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900480

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[ Clear Cell Focus TGLS = 6,7-3+5+10+11 ]	
		[ Hepatocellular Adenoma TGLS = 2-10,6-10,4-3 ]	
		[ Mixed Cell Focus TGLS = 2,3,4,5,6,7-10+4+3+5+11 ]	
* Sem Ves			
		Note: Hemorrhage present, corresponding to gross finding. "hemorrhage" not on menu of diagnoses.	
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 51

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 501

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900481

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 52                      **TRT#:** 3                      **SEX:** Male                      **DAY ON TEST:** 730  
**DOSE:** 1.0%                      **DISP:** Terminal Sacrifice                      **HISTO:** 9900482

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Hypertrophy	Minimal Focal, Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct Nephropathy	Mild Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	
		[ Eosinophilic Focus TGLS = 3-9 ] [ Hepatocellular Adenoma TGLS = 4-4 ] [ Mixed Cell Focus TGLS = 5-9 ]	
Mesentery	Fat	Necrosis	Mild
		[ Necrosis TGLS = 2-10 ]	
* Preputial Gland		Cyst	Moderate
		[ Cyst TGLS = 1-8 ]	
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Mild Mild
* Stomach, Glandular	Epithelium	Inflammation	Suppurative, Focal, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 52

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900482

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 53

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900483

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		Necrosis	Focal, Moderate
[ Hepatocellular Carcinoma TGLS = 4-10 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Skin	Ear, Pinna	Neural Crest Tumor	
[ Neural Crest Tumor TGLS = 1-9 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 54

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** 1.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900484

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
Eye	Cornea	Degeneration	Minimal
[ Degeneration TGLS = 2-9 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Moderate
		Nephropathy	Minimal
[ Infarct TGLS = 7-4 ]			
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 6-10 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 3-8 ]			
* Seminal Vesicle		Inflammation	Chronic, Mild
[ Inflammation TGLS = 4,5-10+7 ]			
* Spleen	Lymph Follic	Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 54

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** 1.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900484

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Tooth

Hematopoietic Cell Proliferation  
Malformation

Minimal

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PRIMARY CAUSE OF DEATH

- Kidney Infarct

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 55	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900485

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 1,2-4+9 ]			
* Thyroid Gland		Inflammation	Granulomatous, Minimal
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 56

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900486

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Marked
[ Infiltration Cellular TGLS = 2-5 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 57

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900487

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Polyp Adenomatous	Mild Focal, Minimal
* Intestine Small, Duodenum			
[ Polyp Adenomatous TGLS = 4-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Mixed Cell Focus	
[ Clear Cell Focus TGLS = 3-5 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Marked
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 58

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900488

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
	[ Clear Cell Focus TGLS = 1-4+5 ]		
	[ Eosinophilic Focus TGLS = 1-5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 59

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900489

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Gallbladder	Epithelium	Cytoplasmic Alteration	Marked
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Mild
[ Clear Cell Focus TGLS = 3-4 ]			
[ Eosinophilic Focus TGLS = 2-5 ]			
[ Inflammation TGLS = 4-9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 60

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 588

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900490

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Hydronephrosis	Mild
		Infarct	Mild
	[ Hydronephrosis TGLS = 3-4 ]		
* Liver		Eosinophilic Focus	
* Seminal Vesicle		Cyst	Moderate
	[ Cyst TGLS = 2-10 ]		
* Spleen	Lymph Follic	Atrophy	Marked
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- Kidney Hydronephrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 61

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900491

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
	[ Clear Cell Focus TGLS = 2-4+5 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3-9 ]		
* Preputial Gland		Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Spleen	Lymph Follic	Atrophy	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 62

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900492

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum		Carcinoma	
[ Carcinoma TGLS = 3-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Eosinophilic Focus TGLS = 1-11 ]			
[ Mixed Cell Focus TGLS = 2-10 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 63

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900493

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
		[ Hepatocellular Adenoma TGLS = 2-9 ]	
* Lung		Inflammation	Chronic, Focal, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Suppurative, Mild
		[ Cyst TGLS = 1-8 ]	
		[ Inflammation TGLS = 1-8 ]	
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 64

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900494

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-10 ] [ Mixed Cell Focus TGLS = 5-4 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Testes	Interstit Cell	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 65

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900495

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Polyp Adenomatous	Minimal Focal, Minimal
* Intestine Small, Jejunum			
[ Polyp Adenomatous TGLS = 6-9 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Vacuolization Cytoplasmic	Multiple Focal, Minimal
[ Eosinophilic Focus TGLS = 3,5,7-5+10 ]			
[ Hepatocellular Adenoma TGLS = 2,4-11+9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/18/2014

Time Report Requested: 23:27:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 9900496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Heart	Artery	Inflammation	Chronic, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	

[ Eosinophilic Focus TGLS = 2-10 ]

[ Hepatocellular Adenoma TGLS = 3-11 ]

[ Mixed Cell Focus TGLS = 2,3,4,5-10+11+4+9 ]

\* Preputial Gland

Cyst

Mild

[ Cyst TGLS = 1-8 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 67	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 686
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9900497

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 3,4-6+9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 5,6,7,8-3+9+10+11 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-4 ]		

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 68

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900498

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus Inflammation	Chronic, Minimal
* Lung		Mixed Cell Focus Alveolar/Bronchiolar Adenoma	
Mesentery	Alveolar Epith	Hyperplasia	Focal, Minimal
	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 1-9 ]		
* Spleen	Lymph Follic	Hyperplasia	Marked
	[ Hyperplasia TGLS = 2-4 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 69

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900499

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum		Carcinoma	
[ Carcinoma TGLS = 5-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 2-4+5 ]			
[ Eosinophilic Focus TGLS = 2,4-5+10 ]			
[ Mixed Cell Focus TGLS = 2,3-5+9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 3 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 9900500
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
* Liver		Mixed Cell Focus	
	[ Mixed Cell Focus TGLS = 2-9 ]		
* Pancreas		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Minimal
	[ Cyst TGLS = 1-8 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900501

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 3-4 ]			
[ Mixed Cell Focus TGLS = 2-5 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Minimal
[ Cyst TGLS = 1-8 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 72	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 405
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9900502

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* 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	

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**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Cecum		Ulcer	Marked
[ Ulcer TGLS = 2-4 ]			
* Islets, Pancreatic		Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH** - Intestine Large, Cecum Ulcer

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 73

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900503

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Preputial Gland		Cyst	Minimal

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 74	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900504

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 75	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900505

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Preputial Gland		Cyst	Mild
Tooth		Malformation	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 76

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900506

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* 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**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Focal, Moderate
* Brain		Hemorrhage	Mild
[ Hemorrhage TGLS = 5-2 ]			
* Intestine Large, Colon	Serosa	Inflammation	Granulomatous, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
[ Hydronephrosis TGLS = 4-4 ]		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-4 ]		Inflammation	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 77	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 224
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9900507

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Liver	* Lung	* 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			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
Mesentery	Artery	Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 78

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900508

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
		Necrosis	Focal, Minimal
[ Hemangiosarcoma TGLS = 2-10 ]			
[ Hepatocellular Adenoma TGLS = 3-5 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 5-9 ]			
* Preputial Gland		Inflammation	Suppurative, Mild
* Seminal Vesicle		Cyst	Mild
[ Cyst TGLS = 1-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 78

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900508

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 79

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900509

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06

**Test Type:** CHRONIC

**Route:** DOSED WATER

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol

**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 23:27:04

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 80

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900510

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 5-9 ]		
	[ Hemangiosarcoma TGLS = 4-5 ]		
	[ Hepatocellular Adenoma TGLS = 3-9 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 2-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-4 ]		
* Stomach, Glandular		Mineralization	Focal, Minimal
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 3 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900511
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
[ Eosinophilic Focus TGLS = 1-5 ]			
[ Hepatocellular Carcinoma TGLS = 3-10 ]			
[ Mixed Cell Focus TGLS = 2,5-4+9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 4-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 82      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 729  
**DOSE:** 1.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900512

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
		[ Clear Cell Focus TGLS = 1-4+5+9 ]	
		[ Mixed Cell Focus TGLS = 1-5+9 ]	
* Preputial Gland		Cyst	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:04  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 83                                  TRT#: 3                                  SEX: Male                                  DAY ON TEST: 730  
DOSE: 1.0%                                  DISP: Terminal Sacrifice                                  HISTO: 9900513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
		Necrosis	Focal, Mild
		[ Eosinophilic Focus TGLS = 4-4 ]	
		[ Hepatocellular Adenoma TGLS = 3-3+5 ]	
		[ Hepatocellular Carcinoma TGLS = 2-9 ]	
* Preputial Gland		Cyst	Minimal
* Seminal Vesicle		Cyst	Moderate
		[ Cyst TGLS = 1-10 ]	
* Spleen	Lymph Follic	Atrophy	Minimal
* Testes	Interstit Cell	Hyperplasia	Focal, Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 83

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900513

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 84      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 730  
**DOSE:** 1.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900514

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia Hyperplasia Hypertrophy Hyperplasia Nephropathy Clear Cell Focus Eosinophilic Focus Mixed Cell Focus	Minimal Focal, Mild Focal, Minimal Moderate Minimal
* Islets, Pancreatic			
* Kidney			
* Liver			
[ Clear Cell Focus TGLS = 2,3,4-3+9+10 ]			
[ Eosinophilic Focus TGLS = 2-9 ]			
[ Mixed Cell Focus TGLS = 2,3-3+9 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 5-11 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:04  
First Dose M/F: NA / NA  
Lab: BAT

**ANIMAL ID:** 85

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900515

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 2-5+10 ]			
[ Eosinophilic Focus TGLS = 5-10 ]			
[ Hemangiosarcoma TGLS = 2,3-5+9 ]			
[ Mixed Cell Focus TGLS = 2,3-5+10+9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 86

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 491

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900516

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 1-4 ]			
[ Eosinophilic Focus TGLS = 1-4+9 ]			
[ Mixed Cell Focus TGLS = 1-5+9 ]			
* Spleen	Lymph Follic	Atrophy	Mild
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 87	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 561
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9900517

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* 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	

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	

[ Clear Cell Focus TGLS = 3-9 ]  
[ Eosinophilic Focus TGLS = 2-5 ]  
[ Hepatocellular Carcinoma TGLS = 1-10 ]

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 88

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900518

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Mixed Cell Focus	
		[ Hepatocellular Adenoma TGLS = 2-9 ]	
		[ Mixed Cell Focus TGLS = 4-5 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Hemangiosarcoma	
		[ Hemangiosarcoma TGLS = 1-8 ]	
* Thyroid Gland	Follicle	Adenoma	
		[ Adenoma TGLS = 3-10 ]	
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 89

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900519

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy Adenoma	Mild Focal, Mild
Harderian Gland			
[ Adenoma TGLS = 3-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma Inflammation	Granulomatous, Minimal
* Preputial Gland		Cyst	Minimal
[ Cyst TGLS = 2-8 ]			
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 90

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900520

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Moderate Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia Infarct	Focal, Minimal Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	Chronic, Minimal
		[ Clear Cell Focus TGLS = 3-9 ]	
		[ Hepatocellular Adenoma TGLS = 2-5 ]	
		[ Mixed Cell Focus TGLS = 3-9 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Mild
		[ Cyst TGLS = 1-8 ]	
* Seminal Vesicle		Hyperplasia	Marked
		[ Hyperplasia TGLS = 4-10+11 ]	
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 90

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900520

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 91

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900521

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
		[ Clear Cell Focus TGLS = 3-5 ]	
		[ Hepatocellular Adenoma TGLS = 2-4 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Minimal
		[ Cyst TGLS = 1-8 ]	
* Thymus		Hyperplasia	Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 92

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 661

**DOSE:** 1.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900522

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Gallbladder	* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Focal, Mild
	[ Hepatocellular Carcinoma TGLS = 1,2,3-5+10+11 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Alveolar/Bronchiolar Carcinoma TGLS = 4-9 ]		
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 3 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 405 <b>HISTO:</b> 9900523
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Blood Vessel	* Bone	* 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	* Kidney	* Lymph Node, Mandibular
* 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	

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**MISSING**

* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-9 ]			
* Lung		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
* Thymus		Histiocytic Sarcoma	

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**PRIMARY CAUSE OF DEATH** - Spleen Histiocytic Sarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9900524

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Granuloma Sperm	Minimal Focal, Minimal Marked
* Epididymis			
[ Granuloma Sperm TGLS = 1-7 ]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 4,5-4+5 ]			
[ Eosinophilic Focus TGLS = 3,6-4+9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 95	<b>TRT#:</b> 3 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 9900525
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hemangioma Hepatocellular Adenoma Mixed Cell Focus Vacuolization Cytoplasmic	   Focal, Minimal
[ Hemangioma TGLS = 4-4 ]			
[ Hepatocellular Adenoma TGLS = 3-9 ]			
* Preputial Gland		Cyst	Minimal
[ Cyst TGLS = 1-8 ]			
* Seminal Vesicle		Cyst	Mild
[ Cyst TGLS = 2-10 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 3 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900526
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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

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**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Eye	Cornea	Hypertrophy	Focal, Minimal
[ Inflammation TGLS = 2-10 ]		Inflammation	Suppurative, Marked
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 97

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900527

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Polyp Adenomatous	Mild Focal, Moderate
* Intestine Small, Duodenum [ Polyp Adenomatous TGLS = 6-10 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Cyst Infarct Nephropathy	Mild Minimal Minimal
* Liver [ Eosinophilic Focus TGLS = 5-10 ] [ Hepatocellular Adenoma TGLS = 4-5 ]		Eosinophilic Focus Hepatocellular Adenoma	
* Lung Mesentery	Fat	Alveolar/Bronchiolar Adenoma Necrosis	Minimal
* Preputial Gland [ Cyst TGLS = 2-8 ] [ Inflammation TGLS = 2-8 ]		Cyst Inflammation	Moderate Suppurative, Mild
* Skin		Ulcer	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 3 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900527
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Ulcer TGLS = 1-9 ]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]		
* Stomach, Glandular	Mineralization	Focal, Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 98

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 619

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900528

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Liver	[ Hepatocellular Carcinoma TGLS = 2,3,4-4+10+9 ]	Hepatocellular Carcinoma	Multiple
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	[ Cyst TGLS = 1-8 ]	Cyst	Mild
* Spleen	Lymph Follic	Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 99

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900529

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
Blood Vessel	Pulmn Artery	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Eosinophilic Focus TGLS = 4,5-3+5+11 ]	
		[ Hepatocellular Adenoma TGLS = 3-9 ]	
		[ Hepatocellular Carcinoma TGLS = 2-4 ]	
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Focal, Minimal
		[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]	
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 99

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900529

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 100

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900530

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia Nephropathy	Focal, Minimal Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Inflammation Mixed Cell Focus	Chronic, Minimal
[ Clear Cell Focus TGLS = 2,4,5-9+10+4 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 101

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900531

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum		Carcinoma	
[ Carcinoma TGLS = 5-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 2,4-10+11 ]			
[ Mixed Cell Focus TGLS = 2,3,4,6-10+11+4 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 102

**TRT#:** 5  
**DOSE:** 2.0%

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

**DAY ON TEST:** 640  
**HISTO:** 9900532

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		Necrosis	Focal, Moderate
<p>Note: The cause of death for this animal is necrosis of a malignant hepatic tumor, possibly due to strangulation of the tumor.</p> <p>[ Clear Cell Focus TGLS = 3-3+5 ]</p> <p>[ Hepatocellular Carcinoma TGLS = 2-4 ]</p>			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Moderate
		[ Cyst TGLS = 1-8 ]	
* Stomach, Forestomach		Ulcer	Mild
		[ Ulcer TGLS = 4-5+9 ]	
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** - Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 103

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900533

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* 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	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus	
		[ Clear Cell Focus TGLS = 3-10 ]	
		[ Eosinophilic Focus TGLS = 2-9 ]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 104

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 518

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900534

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary 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**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1,2,4-9+10+11 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 3-8 ]		
* Spleen	Lymph Follic	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 105

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900535

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Focal, Mild
Eye	Cornea	Inflammation	Chronic, Moderate
[ Inflammation TGLS = 1-10 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Heart	Myocardium	Inflammation	Chronic Active, Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Focal, Mild
		Clear Cell Focus	
		Eosinophilic Focus	
		Fibrosis	Focal, Mild
		Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Minimal
[ Hepatocellular Adenoma TGLS = 3,4,5-4+11+12 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
* Testes		Inflammation	Granulomatous, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 106      **TRT#:** 5      **SEX:** Male      **DAY ON TEST:** 731  
**DOSE:** 2.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900536

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary 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**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
* Intestine Small, Jejunum		Carcinoma	
[ Carcinoma TGLS = 7-9 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Necrosis	Focal, Minimal
[ Eosinophilic Focus TGLS = 5-11 ]			
[ Necrosis TGLS = 6-11 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 4-8 ]			
* Skin		Ulcer	Moderate
[ Ulcer TGLS = 1-12 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 107

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900537

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary 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**

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 4-10 ]		
[ Eosinophilic Focus TGLS = 3-10 ]		
[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Preputial Gland	Cyst	Mild
[ Cyst TGLS = 1-8 ]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
Tooth	Malformation	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 108

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900538

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary 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**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Glomerulosclerosis Nephropathy	Moderate Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 4-10 ] [ Mixed Cell Focus TGLS = 3,5-4+9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Hyperplasia	Marked
[ Hyperplasia TGLS = 2,6-4+10 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 109

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 706

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900539

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]		
* Preputial Gland		Cytoplasmic Alteration	Mild
	[ Cytoplasmic Alteration TGLS = 1-8 ]		

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 110

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900540

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
		[ Eosinophilic Focus TGLS = 4-9 ]	
		[ Hepatocellular Carcinoma TGLS = 1-10 ]	
* Lung		Metaplasia	Osseous, Focal, Minimal
		Thrombosis	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
		[ Inflammation TGLS = 2-5 ]	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 111

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 542

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900541

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 3-5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-9 ]		
* Preputial Gland		Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Spleen	Lymph Follic	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Lung Alveolar/Bronchiolar Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 112

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 672

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900542

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* 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
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**OBSERVATIONS**

* Gallbladder	Epithelium	Mineralization	Marked
* Liver		Angiectasis	Focal, Marked
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	[ Angiectasis TGLS = 3-9 ]		
	[ Hepatoblastoma TGLS = 3-9 ]		
	[ Hepatocellular Adenoma TGLS = 5-10,4-5 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		

PRIMARY CAUSE OF DEATH

-

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 113

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 494

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900543

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* 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	* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Medulla		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Heart		Sarcoma	Metastatic (Skeletal Muscle)
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Sarcoma	Metastatic (Skeletal Muscle)
[ Sarcoma TGLS = 6-4 ]			
* Liver		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Clear Cell Focus	
		Hepatocholangiocarcinoma	
[ Hepatocholangiocarcinoma TGLS = 2-10 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-3 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Skeletal Muscle		Sarcoma	
[ Sarcoma TGLS = 5-9 ]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 114

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900544

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Adenoma	Minimal Focal, Minimal
Harderian Gland			
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Hemangioma Inflammation	Chronic, Minimal
		Mixed Cell Focus Vacuolization Cytoplasmic	Focal, Minimal
[ Clear Cell Focus TGLS = 5-12 ]			
[ Hemangioma TGLS = 2-10 ]			
[ Mixed Cell Focus TGLS = 3,4,5-11+4+5+12 ]			
* Lung		Inflammation	Granulomatous, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia Infiltration Cellular	Focal, Minimal Lymphocyte, Minimal
[ Hyperplasia TGLS = 6-5 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 114

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900544

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 115

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 661

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900545

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 116

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900546

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Clear Cell Focus TGLS = 1-4+5+9 ]			
[ Eosinophilic Focus TGLS = 1-9 ]			
[ Mixed Cell Focus TGLS = 1-5 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 117

**TRT#:** 5  
**DOSE:** 2.0%

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** 9900547

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy Adenoma	Minimal Focal, Minimal
Harderian Gland [ Adenoma TGLS = 3-9 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Mixed Cell Focus Vacuolization Cytoplasmic	Focal, Minimal
[ Clear Cell Focus TGLS = 2-5 ] [ Mixed Cell Focus TGLS = 2-5 ]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma Hyperplasia	Focal, Minimal
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 118

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900548

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary 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**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Minimal
		[ Cyst TGLS = 2-4 ]	
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		[ Mixed Cell Focus TGLS = 3-5 ]	
* Preputial Gland		Cyst	Moderate
		[ Cyst TGLS = 1-8 ]	
* Spleen		Hemangiosarcoma	
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 119

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 676

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900549

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Liver
* Lung	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Inflammation	Chronic, Focal, Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- Kidney Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 120

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900550

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 4-4,2-9 ]		
	[ Hepatocellular Carcinoma TGLS = 1-10 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-4 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 121

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900551

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia Infarct Nephropathy	Focal, Minimal Mild Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	Chronic, Minimal
		[ Clear Cell Focus TGLS = 2-5+9 ]	
		[ Hepatocellular Adenoma TGLS = 3-4 ]	
		[ Mixed Cell Focus TGLS = 2-5 ]	
* Preputial Gland		Cyst	Mild
		[ Cyst TGLS = 1-8 ]	
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 122

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900552

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Hyperplasia	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[ Clear Cell Focus TGLS = 3,5-5+4 ]		
[ Hepatocellular Adenoma TGLS = 5-4 ]		
[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 123

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900553

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary 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**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Carcinoma	Minimal Focal, Minimal
* Intestine Small, Jejunum [ Carcinoma TGLS = 3-9 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 2-10 ]			
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 124

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900554

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hemangioma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 3,4-5+10 ]			
[ Hemangioma TGLS = 5-11 ]			
[ Hepatocellular Adenoma TGLS = 2-9 ]			
[ Hepatocellular Carcinoma TGLS = 5-11 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 125

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900555

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 126

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900556

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	Chronic, Minimal
		[ Clear Cell Focus TGLS = 4-10 ]	
		[ Hepatocellular Adenoma TGLS = 3-11 ]	
		[ Mixed Cell Focus TGLS = 4,5-10+12 ]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]	
* Preputial Gland		Cyst	Minimal
		[ Cyst TGLS = 1-8 ]	
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 126

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900556

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 127

**TRT#:** 5  
**DOSE:** 2.0%

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9900557

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma Inflammation Mixed Cell Focus	Chronic, Minimal
		[ Hepatocellular Adenoma TGLS = 2-5 ]	
		[ Mixed Cell Focus TGLS = 3-9 ]	
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Preputial Gland		Cyst	Moderate
		[ Cyst TGLS = 1-8 ]	
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 128

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900558

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Moderate
		Nephropathy	Minimal
[ Infarct TGLS = 2-4 ]			
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 3-5 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 129

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900559

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Intestine Small, Jejunum	Epithelium	Hyperplasia	Focal, Mild
	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 3-5 ]			
[ Hyperplasia TGLS = 3-5 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 1,2-4+5 ]			
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 130

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900560

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
		Necrosis	Focal, Minimal
		[ Clear Cell Focus TGLS = 1-4 ]	
		[ Hepatocellular Adenoma TGLS = 2-9 ]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[ Alveolar/Bronchiolar Carcinoma TGLS = 3-3 ]	
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 131

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 645

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900561

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Mineralization	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
	[ Vacuolization Cytoplasmic TGLS = 4-4 ]		
* Liver		Hepatoblastoma	
	[ Hepatoblastoma TGLS = 3-4 ]	Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 5-5 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Seminal Vesicle		Hyperplasia	Moderate
	[ Hyperplasia TGLS = 2-9 ]		
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** - Heart Myocardium Mineralization

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 132

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900562

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
			[ Clear Cell Focus TGLS = 3-5 ]
			[ Hepatocellular Adenoma TGLS = 2,4-4+9 ]
* Lung		Alveolar/Bronchiolar Carcinoma	
			[ Alveolar/Bronchiolar Carcinoma TGLS = 5-3 ]
* Preputial Gland		Cyst	Moderate
			[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 133

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900563

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Necrosis	Minimal Focal, Minimal Minimal
* Kidney		Infarct Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Mixed Cell Focus	
[ Clear Cell Focus TGLS = 1-4+5 ]			
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 134

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900564

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Minimal
[ Cyst TGLS = 5-4 ]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 3,4-4+5 ]			
[ Eosinophilic Focus TGLS = 2-5 ]			
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 135	<b>TRT#:</b> 5 <b>DOSE:</b> 2.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 616 <b>HISTO:</b> 9900565
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus Hepatoblastoma Hepatocellular Carcinoma Necrosis	Multiple Focal, Moderate
		[ Eosinophilic Focus TGLS = 3-9 ] [ Hepatoblastoma TGLS = 1-9 ] [ Hepatocellular Carcinoma TGLS = 2,4-10 ]	
* Lung		Hepatocellular Carcinoma Metaplasia	Metastatic (Liver) Osseous, Focal, Minimal
* Spleen	Lymph Follic	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 136

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900566

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Mixed Cell Focus TGLS = 2-9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 137

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900567

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
	Peyers Patch	Infiltration Cellular	Plasma Cell, Marked
		Ulcer	Moderate
[ Hyperplasia TGLS = 4-9 ]			
[ Infiltration Cellular TGLS = 4,5-9+5 ]			
[ Ulcer TGLS = 4-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 2-9 ]			
[ Mixed Cell Focus TGLS = 3-5 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 6-5 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 137

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900567

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 138

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900568

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[ Clear Cell Focus TGLS = 2-9 ]	
		[ Hepatocellular Adenoma TGLS = 3,4-10+9 ]	
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Preputial Gland		Cyst	Moderate
		[ Cyst TGLS = 1-8 ]	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 139

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900569

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 3-4+5 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Seminal Vesicle		Fibrosis	Minimal
[ Fibrosis TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 140

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900570

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hypertrophy	Focal, Moderate
* Liver		Hyperplasia	Mild
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	

[ Clear Cell Focus TGLS = 2,3,4-5+9+10 ]

[ Hepatocellular Adenoma TGLS = 1-4 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 141

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 575

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900571

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Degeneration	Moderate
		Hydronephrosis	Mild
	[ Hydronephrosis TGLS = 3-4 ]		
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	[ Clear Cell Focus TGLS = 5-3+4+5 ]		
	[ Eosinophilic Focus TGLS = 5-10 ]		
	[ Mixed Cell Focus TGLS = 4-9 ]		
* Preputial Gland		Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach		Ulcer	Mild
Tooth		Malformation	
* Urin Bladder			

Note: Urinary bladder stretched out but otherwise normal. No microscopic lesion codes available to diagnose dilatation.

**PRIMARY CAUSE OF DEATH** - Kidney Hydronephrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 141

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 575

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900571

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 142

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 666

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900572

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* 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, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 2,3-10+9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 143

**TRT#:** 5  
**DOSE:** 2.0%

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9900573

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct Nephropathy	Minimal Moderate
* Liver		Clear Cell Focus Hepatocellular Carcinoma Inflammation	  Chronic, Minimal
[ Clear Cell Focus TGLS = 2-10 ]			
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 145

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900575

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hemangiosarcoma	
		Mixed Cell Focus	
[ Hemangiosarcoma TGLS = 3-9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 146

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 645

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900576

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
		[ Hepatoblastoma TGLS = 2-9 ]	
		[ Hepatocellular Carcinoma TGLS = 2,3-9+4 ]	
* Preputial Gland		Cyst	Minimal
		[ Cyst TGLS = 1-8 ]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 147

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900577

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus Inflammation Mixed Cell Focus	Chronic, Minimal
			[ Eosinophilic Focus TGLS = 2-9 ]
			[ Mixed Cell Focus TGLS = 2-9 ]
* Lung		Alveolar/Bronchiolar Adenoma	
			[ Alveolar/Bronchiolar Adenoma TGLS = 3-10 ]
* Preputial Gland		Cyst	Moderate
			[ Cyst TGLS = 1-8 ]
* Spleen	Lymph Follic	Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 148

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900578

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Intestine Small, Jejunum [ Hyperplasia TGLS = 4-5 ]	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver [ Clear Cell Focus TGLS = 3-4 ]		Clear Cell Focus Eosinophilic Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst	Moderate
* Spleen [ Hyperplasia TGLS = 2-4 ]	Lymph Follic	Hyperplasia	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 149

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 708

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900579

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic, Focal, Moderate
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]		
	[ Inflammation TGLS = 2-10 ]		
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland		Cyst	Mild
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 150

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900580

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 3,4-5+4 ]			
* Preputial Gland		Cyst	Minimal
[ Cyst TGLS = 2-8 ]			
* Seminal Vesicle		Hyperplasia	Moderate
[ Hyperplasia TGLS = 1-9 ]			
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 151

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900581

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal

[ Eosinophilic Focus TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 152

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900582

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum		Hyperplasia	Marked
[ Hyperplasia TGLS = 3-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-4 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 153

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900583

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 154

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900584

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Preputial Gland	Cyst	Mild
[ Cyst TGLS = 2-8 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 155

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900585

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 156	<b>TRT#:</b> 7 <b>DOSE:</b> 4.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900586
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

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**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1,3-8 ]			
* Thyroid Gland	Follicle	Cyst	Minimal
Tooth		Malformation	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 157

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900587

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 3-5 ]			
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Tooth		Malformation	
Note: Tooth deformity is in incisor.			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 158

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900588

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 3-10 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 159

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900589

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 160

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900590

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid 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	Subcapsular	Hyperplasia	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		[ Clear Cell Focus TGLS = 4-9 ]	
		[ Hepatocellular Adenoma TGLS = 2,3-3+9+4 ]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
		[ Inflammation TGLS = 1-8 ]	
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 161

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900591

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 3-10 ]			
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 162

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900592

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Focal, Mild
Note: NO CORRELATING LESION FOR TGLS 3-5 [ Hepatocellular Carcinoma TGLS = 3,4,5-3+9+4 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Cyst	Minimal
			[ Cyst TGLS = 1-8 ]
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
			[ Atrophy TGLS = 2-4 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 163

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 451

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900593

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lung	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 1-4+9 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 164

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900594

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Cecum		Carcinoma	
[ Carcinoma TGLS = 4-4 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
[ Mixed Cell Focus TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Intestine Large, Cecum)
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 165

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900595

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hemangiosarcoma	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hemangiosarcoma TGLS = 2,3-5+10+11 ]			
[ Mixed Cell Focus TGLS = 1-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 4-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 166

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900596

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Inflammation	Chronic, Focal, Moderate
		Nephropathy	Minimal
[ Inflammation TGLS = 1-4 ]			
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 3-9 ]			
* Preputial Gland		Cyst	Minimal
[ Cyst TGLS = 2-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 167

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900597

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 168

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900598

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus Hemangiosarcoma Inflammation	Chronic, Minimal
[ Hemangiosarcoma TGLS = 1-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 169

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 688

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900599

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Focal, Moderate
	[ Hepatocellular Carcinoma TGLS = 2,3,4,5-5+9+10 ]		
* Lung		Inflammation	Chronic, Focal, Minimal
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 171

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900601

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

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

* Kidney	Infarct	Minimal
	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	
	Inflammation	Chronic, Minimal
[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Preputial Gland	Cyst	Mild
[ Cyst TGLS = 1-8 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 172

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900602

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Nose  
\* Preputial Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

Blood Vessel  
\* Epididymis  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Pancreas  
\* Prostate  
\* Spleen  
\* Thymus

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Parathyroid Gland  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver

Subcapsular

Hyperplasia  
Inflammation

Minimal  
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 173

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 513

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900603

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Nose  
\* Prostate  
\* Spleen  
\* Thyroid Gland

Blood Vessel  
\* Epididymis  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Pancreas  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Preputial Gland  
\* Skin  
\* Testes

**MISSING**

\* Mammary Gland

\* Parathyroid Gland

\* Thymus

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver

Subcapsular

Hyperplasia  
Inflammation

Minimal  
Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 174      **TRT#:** 7      **SEX:** Male      **DAY ON TEST:** 464  
**DOSE:** 4.0%      **DISP:** Natural Death      **HISTO:** 9900604

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mandibular	* 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	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Lung	Artery	Mineralization	Mild
* Nose	Glands	Carcinoma	
* Spleen	Lymph Follic	Atrophy	Marked

**PRIMARY CAUSE OF DEATH** - Nose Glands Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 175

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900605

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* 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
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 176

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 416

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900606

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Liver	* Lung	* 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 177

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900607

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Pancreas	Duct	Cyst	Mild
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 178

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900608

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis Inflammation	Focal, Minimal Chronic, Minimal
[ Angiectasis TGLS = 1-9 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-10 ]			
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 3-8 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
[ Hyperplasia TGLS = 4-5 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 179

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900609

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Epididymis		Granuloma Sperm	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Focal, Minimal
	[ Hepatocellular Carcinoma TGLS = 3-10,2-9 ]		
* Seminal Vesicle		Atrophy	Moderate
	[ Atrophy TGLS = 1-9 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 180

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 515

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900610

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* 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	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Marked

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 181

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900611

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Atrophy	Moderate
Note: Best diagnosis for epididymides would be aspermia, but it is no longer in dictionary. [ Atrophy TGLS = 4-7 ]			
* Gallbladder	Epithelium	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 6,7,8-4+9+10 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Cyst	Mild
* Preputial Gland			
[ Cyst TGLS = 5-8 ]			
* Prostate		Atrophy	Mild
[ Atrophy TGLS = 2-8 ]			
* Seminal Vesicle		Atrophy	Mild
[ Atrophy TGLS = 3-7 ]			
* Skin		Hyperkeratosis	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 181	<b>TRT#:</b> 7 <b>DOSE:</b> 4.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 9900611
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes [ Atrophy TGLS = 1-7 ]	Germinal Epith	Atrophy	Moderate
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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 182

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900612

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary 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**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 3-10 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Mild
[ Atrophy TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 183

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 533

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900613

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* 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, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Infarct	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 2,3-10+9 ]		
* Preputial Gland	Cyst	Mild
[ Cyst TGLS = 1-8 ]		
* Spleen	Lymph Follic	Marked

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 184

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 416

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900614

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Inflammation	Chronic, Mild
* Preputial Gland		Cyst	Moderate

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 185

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 610

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900615

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Focal, Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
Peripheral Nerve	Axon	Degeneration	Minimal
* Preputial Gland		Cyst	Mild
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
[ Hemangiosarcoma TGLS = 1-13 ]			
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 2-5 ]			

**PRIMARY CAUSE OF DEATH**

- Spleen Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 186

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900616

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 3,5-5+4 ]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Minimal
[ Cyst TGLS = 2-8 ]			
* Salivary Glands		Atrophy	Focal, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
[ Atrophy TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 187

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 668

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900617

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver	Serosa	Fibrosis	Mild
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Focal, Mild
[ Hepatoblastoma TGLS = 1-10 ]			
[ Hepatocellular Carcinoma TGLS = 2,5-5+9 ]			
* Lung		Hepatoblastoma	Metastatic (Liver)
Skeletal Muscle		Hepatoblastoma	Metastatic (Liver)
[ Hepatoblastoma TGLS = 4-9 ]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Moderate
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** - Liver Hepatoblastoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 188

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900618

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Adenoma	Minimal Focal, Minimal
Harderian Gland [ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Chronic, Minimal
* Preputial Gland [ Cyst TGLS = 2-8 ]		Cyst	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach [ Hyperplasia TGLS = 3-5 ]		Hyperplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 189

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 582

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900619

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* 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**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
		[ Hepatocellular Carcinoma TGLS = 1-9 ]	
		[ Necrosis TGLS = 2-4 ]	
* Preputial Gland		Cyst	Mild
		[ Cyst TGLS = 3-8 ]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 190

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900620

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary 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**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 191

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900621

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyms	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 2,3-4+5 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 192

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 661

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900622

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 193

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900623

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
	[ Hepatocellular Adenoma TGLS = 3,4-10+9 ]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Plasma Cell, Mild
	[ Infiltration Cellular TGLS = 5-5 ]		
	[ Infiltration Cellular TGLS = 5-5 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Seminal Vesicle		Cyst	Mild
	[ Cyst TGLS = 2-9 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 193

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900623

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 194

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900624

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-5 ]			
* Lung		Inflammation	Granulomatous, Minimal
		Metaplasia	Osseous, Focal, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 195

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 661

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900625

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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		

**MISSING**

* Mammary Gland	* Urinary Bladder
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 196

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900626

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 197

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900627

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary 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	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 198

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900628

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Cyst	Minimal Focal, Minimal Moderate
* Intestine Small, Duodenum			
Note: Cystic structure is pancreatic duct.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Inflammation Mixed Cell Focus	Chronic, Minimal

[ Clear Cell Focus TGLS = 1,2-5+4 ]

[ Mixed Cell Focus TGLS = 3-9 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 199

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 708

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900629

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Marked
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Ulcer	Mild

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

**CONTRIBUTORY CAUSE OF DEATH** - Kidney Nephropathy

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 200

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900630

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Eosinophilic Focus Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Stomach, Glandular		Mineralization	Focal, Minimal
* Testes	Interstit Cell	Adenoma	

[ Adenoma TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 201

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9900631

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
	[ Hepatocellular Carcinoma TGLS = 2-11 ]		
	[ Mixed Cell Focus TGLS = 3,5-5+10 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 4-9 ]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular		Mineralization	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 202

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900632

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 3-5 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-9 ]			
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 203

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 651

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900633

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Liver	Necrosis	Focal, Mild
* Ovary	Hemorrhage	Marked

Note: Animal died from ruptured ovarian hematocyst; the lesion had thrombosed as well.

[ Hemorrhage TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- Ovary Hemorrhage

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 204

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 641

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900634

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Peripheral Nerve	Axon, Sciatic	Degeneration	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Skeletal Muscle		Sarcoma	
[ Sarcoma TGLS = 1-9 ]			
* Skin	Subcut Tiss	Sarcoma	
Spinal Cord	Axon	Degeneration	Moderate
Note: Axonal degeneration is more pronounced caudally, indicating caused by a lesion in mid-spinal column.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Skeletal Muscle Sarcoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 205

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900635

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Hemangioma Hepatocellular Carcinoma Inflammation	Chronic, Minimal
[ Hemangioma TGLS = 2-9 ] [ Hepatocellular Carcinoma TGLS = 3-10 ]			
* Ovary		Cyst	Mild
* Pancreas	Acinus	Vacuolization Cytoplasmic	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 206      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** 0.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900636

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 3,6-4+12 ]			
[ Eosinophilic Focus TGLS = 2-10 ]			
[ Hepatocellular Adenoma TGLS = 4-11 ]			
Lymph Node	Lumbar	Hematopoietic Cell Proliferation	Minimal
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
	Mediastinal	Infiltration Cellular	Histiocyte, Moderate
	Mediastinal	Infiltration Cellular	Plasma Cell, Mild
	Mediastinal	Pigmentation	Hemosiderin, Mild
[ Infiltration Cellular TGLS = 1-6 ]			
[ Infiltration Cellular TGLS = 9-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 206	<b>TRT#:</b> 2 <b>DOSE:</b> 0.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900636
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hyperplasia Ulcer	Squamous, Minimal Moderate
[ Ulcer TGLS = 8-5 ]			
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Minimal Chronic Active, Mild
[ Inflammation TGLS = 5-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 207

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900637

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* 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	* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 4-6 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 208

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900638

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 3,5-10+9 ]			
[ Hepatocellular Adenoma TGLS = 2,4-5+4 ]			
[ Mixed Cell Focus TGLS = 5-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 209

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 728  
**HISTO:** 9900639

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Focal, Minimal
* Islets, Pancreatic		Adenoma	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 5-5 ]			
[ Hepatocellular Carcinoma TGLS = 4-10 ]			
[ Mixed Cell Focus TGLS = 6-4 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-9 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 209

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900639

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 210

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900640

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 2-9 ]			
[ Hepatocellular Adenoma TGLS = 3-4 ]			
* Ovary		Angiectasis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 211

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9900641

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Focal, Minimal
* Intestine Small, Jejunum	Peyers Patch	Inflammation	Acute, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Focal, Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Granulomatous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 212

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 683  
**HISTO:** 9900642

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Mixed Cell Focus	
* Ovary		Angiectasis	Moderate
[ Angiectasis TGLS = 3-7 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
[ Atrophy TGLS = 2-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 213	<b>TRT#:</b> 2 <b>DOSE:</b> 0.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9900643
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* 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	

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**MISSING**

\* Parathyroid Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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[ Hyperplasia TGLS = 1-7 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 214

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9900644

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
[ Eosinophilic Focus TGLS = 3-3 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 215

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 193  
**HISTO:** 9900645

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

* Clitoral Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
		Thrombosis	Moderate
* Lymph Node, Mandibular		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
		Ulcer	Minimal
* Thymus		Lymphoma Malignant	

[ Lymphoma Malignant TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 216

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900646

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		[ Eosinophilic Focus TGLS = 4-9 ]	
		[ Hepatocellular Adenoma TGLS = 5-5 ]	
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
		[ Necrosis TGLS = 3-10 ]	
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
		[ Hematopoietic Cell Proliferation TGLS = 2-4 ]	
		[ Hyperplasia TGLS = 2-4 ]	
* Thymus		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 216

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 728  
**HISTO:** 9900646

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 217

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900647

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Angiectasis	Minimal
		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 218

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9900648

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Moderate
* Gallbladder	Epithelium	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Mild
[ Clear Cell Focus TGLS = 2-4 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 219

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9900649

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Intestine Large, Colon		Leiomyoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Angiectasis	Focal, Mild
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Angiectasis TGLS = 2-3+9 ]			
[ Hepatocellular Adenoma TGLS = 1,2-5+3+4+9 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-10 ]			
* Ovary		Cyst	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 220

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900650

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* 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	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 1-9 ]			
[ Mixed Cell Focus TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 221      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 0.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900651

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder	Epithelium	Cytoplasmic Alteration	Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Clear Cell Focus TGLS = 6-5 ]			
[ Hepatocellular Carcinoma TGLS = 5-10 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-11 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-10 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 222

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900652

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* 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**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 2-9 ]			
[ Hemangiosarcoma TGLS = 1-4 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 223      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 0.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900653

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hemangiosarcoma TGLS = 2-4 ]			
[ Mixed Cell Focus TGLS = 3,4-10 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 5-11 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-9 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 224

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900654

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 225

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900655

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
* Liver		Infiltration Cellular Inflammation	Lymphocyte, Minimal Chronic, Minimal
* Mammary Gland [ Carcinoma TGLS = 2-7 ]		Carcinoma	
* Nose	Glands	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Focal, Minimal
* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 226

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 599

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900656

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

* Parathyroid Gland	* Thyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 4-5 ]			
* Ovary		Hemorrhage	Marked
[ Hemorrhage TGLS = 1-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

- Ovary Hemorrhage

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 227

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900657

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye	Cornea	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 1-9 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Basophilic Focus TGLS = 8-10 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 7-2 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 6-10 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 4-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 227

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900657

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 228

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900658

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 229

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900659

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
[ Eosinophilic Focus TGLS = 2-4 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 230

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900660

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-9 ]			
* Lung	Artery	Inflammation	Chronic, Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 231

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900661

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 232

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900662

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 2-10 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-9 ]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 3-11 ]			
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 233

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900663

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 1,2-9+10 ]			
* Nose		Inflammation	Suppurative, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 234

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900664

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Vacuolization Cytoplasmic	Focal, Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Focal, Minimal
[ Hyperplasia TGLS = 4-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Artery	Inflammation	Chronic, Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Thyroid Gland		Inflammation	Granulomatous, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 235

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900665

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Basophilic Focus TGLS = 2-9 ]			
[ Clear Cell Focus TGLS = 1-4 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 236

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 570

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900666

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-10 ]			
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 2-9 ]			
* Spleen	Lymph Follic	Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 237

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9900667

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 2,5,7-4+10+11 ]			
[ Mixed Cell Focus TGLS = 6,8-5+10 ]			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
[ Inflammation TGLS = 4-5 ]			
Skeletal Muscle		Sarcoma	
[ Sarcoma TGLS = 3-9 ]			
* Skin	Subcut Tiss	Sarcoma	
* Thymus		Hemangioma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 238

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900668

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 239

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 497

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900669

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Necrosis	Acute, Focal, Mild
* Lung		Hemorrhage	Focal, Minimal
[ Hemorrhage TGLS = 2-3 ]			
* Mammary Gland	Duct	Hyperplasia	Squamous, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
Tongue		Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

- Tongue Squamous Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:05  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 240

TRT#: 2  
DOSE: 0.0%

SEX: Female  
DISP: Terminal Sacrifice

DAY ON TEST: 730  
HISTO: 9900670

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 3-9 ]			
[ Inflammation TGLS = 4-5 ]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Thrombosis	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 241

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900671

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 1-4 ]			
[ Hepatocellular Adenoma TGLS = 1,3-9 ]			
[ Mixed Cell Focus TGLS = 2-10 ]			
* Ovary		Cyst	Minimal
* Pituitary Gland		Angiectasis	Mild
[ Angiectasis TGLS = 4-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 242

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900672

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 1,2-5+4 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 243

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 704  
**HISTO:** 9900673

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 5-4 ]			
* Lung	Bronchus	Inflammation	Acute, Mild
		Thrombosis	Mild
Lymph Node	Lumbar	Infiltration Cellular	Histiocyte, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[ Infiltration Cellular TGLS = 2-9 ]			
[ Infiltration Cellular TGLS = 2-9 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-10 ]			
* Urinary Bladder		Hemorrhage	Moderate
		Inflammation	Acute, Moderate
[ Hemorrhage TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH** - Urinary Bladder Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 244	<b>TRT#:</b> 2 <b>DOSE:</b> 0.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 9900674
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

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**MISSING**

\* Parathyroid Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Focal, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		[ Angiectasis TGLS = 2-4 ]	
		[ Mixed Cell Focus TGLS = 1-5 ]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 245

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 699

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900675

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 246

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900676

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 3-5 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 247

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 693

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900677

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 1,3,4-9+5 ]		
	[ Mixed Cell Focus TGLS = 2-4 ]		
* Nose		Necrosis	Focal, Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 248

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 725  
**HISTO:** 9900678

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6,7-2 ]			
* Heart		Lymphoma Malignant	
	Myocardium	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Necrosis	Focal, Mild
[ Lymphoma Malignant TGLS = 2,3-4+5 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-11 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-10 ]			
* Mammary Gland		Adenoma	
[ Adenoma TGLS = 4-9 ]			
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Urinary Bladder		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 248

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 725  
**HISTO:** 9900678

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus

Lymphoma Malignant

---

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 249

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 621

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900679

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-5 ]			
* Lung	Mediastinum	Hemangiosarcoma	
Note: There is a hemangiosarcoma on slide 6, in fat near aorta, so is classified as being in mediastinum.			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[ Hemangiosarcoma TGLS = 3-9 ]			
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

- Spleen Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 250

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 9900680

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Clitoral Gland	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Carcinoma	Metastatic (Tissue Nos)
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 1,2-5+4+9 ]			
* Lung		Carcinoma	Metastatic (Tissue Nos)
Note: The metastatic tumor in lung looks like a Harder's Gland carc. Right eye/Harder's Gland was cannibalized, and presumably had the primary tumor.			
[ Carcinoma TGLS = 4-3 ]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Ulcer	Moderate
[ Ulcer TGLS = 5-5 ]			
* Thymus		Carcinoma	Metastatic (Tissue Nos)
[ Carcinoma TGLS = 3-9 ]			

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 251

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900681

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 2-4 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic, Focal, Minimal
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 252	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 689
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9900682

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

---

**MISSING**

\* Lymph Node, Mandibular

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-4 ]			
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			

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**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Sarcoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 253

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900683

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 4-9 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Moderate
[ Infarct TGLS = 3-4 ]			
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Hepatocellular Adenoma TGLS = 2-10 ]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 254

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 671

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900684

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Heart	Epicardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-10 ]			
[ Lymphoma Malignant TGLS = 2-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-5 ]			
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-4 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-6 ]			
* Uterus		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 255

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 643

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900685

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Mixed Cell Focus	
Lymph Node	Mediastinal	Sarcoma	Metastatic (Mesentery)
	Pancreatic	Sarcoma	Metastatic (Mesentery)
Mesentery		Sarcoma	
* Pancreas		Sarcoma	Metastatic (Mesentery)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 687

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900686

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Moderate
* Heart	Myocardium	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
* Skin	Subcut Tiss	Sarcoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Dipropylene glycol  
CAS Number: 25265-71-8

Date Report Requested: 10/18/2014  
Time Report Requested: 23:27:05  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 9900687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatocellular Carcinoma TGLS = 3-11 ]			
[ Mixed Cell Focus TGLS = 4,5-4+5 ]			
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 1-10 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 258

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900688

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Adenoma	Minimal Focal, Minimal
Harderian Gland [ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus [ Hyperplasia TGLS = 2-7 ]	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 259

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900689

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
Mesentery	Vein	Thrombosis	Mild
[ Thrombosis TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 260

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900690

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 261

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900691

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Hepatocellular Adenoma TGLS = 2-5,3-9 ]			
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
[ Infiltration Cellular TGLS = 4-5 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 262

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900692

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Necrosis	Focal, Mild
* Lung		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Carcinoma	

[ Squamous Cell Carcinoma TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

- Stomach, Forestomach Squamous Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 263

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900693

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 264

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900694

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Granulomatous, Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-10 ]			
* Skin	Subcut Tiss	Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
[ Hyperplasia TGLS = 1-4 ]			
* Thyroid Gland	Follicle	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 265

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900695

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* 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	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		[ Eosinophilic Focus TGLS = 6-3+5 ]	
		[ Hepatocellular Adenoma TGLS = 5-11 ]	
		[ Hepatocellular Carcinoma TGLS = 4-9 ]	
		[ Mixed Cell Focus TGLS = 7-10 ]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery		Liposarcoma	
		[ Liposarcoma TGLS = 2-10 ]	
* Spleen		Hematopoietic Cell Proliferation	Mild
		[ Hematopoietic Cell Proliferation TGLS = 3-4 ]	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		[ Hyperplasia TGLS = 1-7 ]	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 266

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900696

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Angiectasis	Focal, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 2-4 ]			
[ Hepatocellular Adenoma TGLS = 3-10 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 267

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900697

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 2-9 ]			
[ Eosinophilic Focus TGLS = 1-4 ]			
[ Mixed Cell Focus TGLS = 1-4 ]			
* Stomach, Glandular		Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 268

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900698

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Adenoma	
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 4-10 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 269

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900699

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery		Fibrosarcoma	Metastatic (Bone)

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 270

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 494

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900700

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Glandular		Ulcer	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Stomach, Glandular Ulcer

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 271

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900701

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain	Hypothalamus	Compression	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-4 ]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-6 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular		Mineralization	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 272      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 728  
**DOSE:** 1.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900702

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 7-9 ]			
[ Hepatocellular Adenoma TGLS = 4-5,5-10 ]			
[ Mixed Cell Focus TGLS = 6,8-10+11 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 273

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900703

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Adrenal Medulla

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
		Cyst	Moderate
* Ovary			
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 274

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900704

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* 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**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone		Fibrosis	Minimal
* Gallbladder	Epithelium	Cyst	Mild
* Liver		Clear Cell Focus Infiltration Cellular Inflammation Mixed Cell Focus	Lymphocyte, Mild Chronic, Minimal
[ Mixed Cell Focus TGLS = 1-5 ]			
* Ovary	Periovarn Tiss	Infiltration Cellular	Lymphocyte, Marked
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation Hyperplasia	Mild Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
[ Hyperplasia TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 275

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 693

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900705

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Urinary Bladder

**MISSING**

* Brain	* Clitoral Gland	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Sarcoma	Metastatic (Mesentery)
[ Sarcoma TGLS = 2-4 ]			
* Liver		Inflammation	Chronic, Mild
[ Sarcoma TGLS = 4,5,6,7-5+4+9+3+10 ]		Sarcoma	Metastatic (Mesentery)
Mesentery		Sarcoma	
* Spleen	Lymph Follic	Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 276

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900706

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2,3-5+9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Stomach, Glandular		Mineralization	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 277

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 561

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900707

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

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

* Intestine Small, Jejunum [ Leiomyosarcoma TGLS = 4-10 ]		Leiomyosarcoma	
Mesentery [ Necrosis TGLS = 2-9+10 ]	Fat	Necrosis	Moderate
* Skin [ Sarcoma TGLS = 1-9 ]	Subcut Tiss	Sarcoma	

**PRIMARY CAUSE OF DEATH**

- Intestine Small, Jejunum Leiomyosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 278

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 585

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900708

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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
* Liver	* Lung	* Lymph Node, Mandibular	* 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**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Moderate
* Spleen	Lymph Follic	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 279

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900709

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 280      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** 1.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900710

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Fibrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Mild
		[ Hyperplasia TGLS = 1-5 ]	
		[ Infiltration Cellular TGLS = 1-5 ]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Inflammation	Granulomatous, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 281

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900711

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[ Polyp Adenomatous TGLS = 2-5 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 282

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900712

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 2-5 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 283

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 726

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900713

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Moderate
* Liver		Vacuolization Cytoplasmic	Focal, Minimal
* Lung	Artery	Mineralization	Moderate
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 284

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900714

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 3-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 285

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 641

**DOSE:** 1.0%

**DISP:** Natural Death

**HISTO:** 9900715

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
		Metaplasia	Osseous, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Inflammation	Granulomatous, Minimal
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 2-9 ]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 286

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900716

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* 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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 287

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900717

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Moderate
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 288

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900718

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Focal, Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 289

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900719

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Moderate
		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Lymphoma Malignant	
		Necrosis	Focal, Minimal
[ Lymphoma Malignant TGLS = 8,9-9+4+5 ]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
[ Lymphoma Malignant TGLS = 6-6 ]			
[ Lymphoma Malignant TGLS = 5-10 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-5 ]			
* Ovary		Cyst	Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 289

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900719

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Urinary Bladder

Lymphoma Malignant

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

[ Hyperplasia TGLS = 3-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 290

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900720

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* 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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 2-9 ]			
[ Eosinophilic Focus TGLS = 4-10 ]			
[ Hepatocellular Adenoma TGLS = 3-4 ]			
[ Mixed Cell Focus TGLS = 5-5 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 291

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900721

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
* Bone		Fibrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
	[ Mixed Cell Focus TGLS = 2-4 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 293

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 543

**DOSE:** 1.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900723

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* 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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Ovary		Cyst	Minimal
* Spleen	Lymph Follic	Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 294

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900724

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Ovary		Cyst	Mild
		Cystadenoma	
[ Cyst TGLS = 2-7 ]			
[ Cystadenoma TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 295

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900725

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Mixed Cell Focus TGLS = 1,2-4+5 ]			
* Ovary		Cystadenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 296

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900726

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 3-9 ]			
* Lung		Hemorrhage	Focal, Minimal
		Inflammation	Granulomatous, Minimal
[ Hemorrhage TGLS = 1-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
[ Angiectasis TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 297

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900727

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 298

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900728

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Moderate
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-9 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 299

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900729

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Granulomatous, Minimal
[ Inflammation TGLS = 4-8 ]			
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 300

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900730

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 301

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900731

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 302

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900732

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Hypertrophy Fibrosis	Minimal Focal, Minimal Focal, Minimal Minimal
* Intestine Small, Jejunum	Serosa		
Note: Intussusception present, but microscopic diagnosis of intuss. not available [ Fibrosis TGLS = 2-5 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hemangioma Infiltration Cellular Inflammation	Lymphocyte, Minimal Chronic, Minimal
[ Hemangioma TGLS = 1-4 ]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 303

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900733

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 304	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 340
	<b>DOSE:</b> 2.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9900734

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Blood Vessel	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

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**MISSING**

* Adrenal Cortex	* Adrenal Medulla	* Thymus
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**OBSERVATIONS**

* Kidney	Hydronephrosis	Mild
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[ Hydronephrosis TGLS = 1-4 ]

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 305

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900735

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Intestine Small, Jejunum	Muscularis	Inflammation	Chronic, Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7 ]			
* Stomach, Glandular		Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 306

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900736

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
[ Eosinophilic Focus TGLS = 5-4+11 ]			
[ Hepatocellular Adenoma TGLS = 2-9 ]			
[ Mixed Cell Focus TGLS = 3-10 ]			
Mesentery	Fat	Necrosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
* Stomach, Glandular		Mineralization	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 4-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 307

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 515

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900737

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Ileum	Epithelium	Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-9 ]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 308

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900738

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain		Necrosis	Acute, Focal, Moderate
[ Necrosis TGLS = 4-2 ]			
* Kidney		Infarct	Moderate
[ Infarct TGLS = 2-4 ]			
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic, Focal, Mild
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-10 ]			
Mesentery	Fat	Necrosis	Minimal
[ Necrosis TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Forestomach	Epithelium	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

- Brain Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 309

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900739

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Small, Duodenum		Polyp Adenomatous	
[ Polyp Adenomatous TGLS = 4-10 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Minimal
[ Adenoma TGLS = 2-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 310

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900740

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Fibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Marked
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Ovary		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 311

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900741

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Marked
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2,3-5+4 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 312

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900742

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Angiectasis	Mild
		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 313

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 576

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900743

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum		Sarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Lymph Node, Mesenteric [ Sarcoma TGLS = 3-9 ]		Sarcoma	
* Salivary Glands [ Atrophy TGLS = 4-2 ]		Atrophy	Moderate
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 314

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900744

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* 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	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder	Epithelium	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 315

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900745

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 317

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900747

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 3-4 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 318

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900748

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Hepatocellular Adenoma TGLS = 4-10 ]			
[ Mixed Cell Focus TGLS = 5-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 319

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900749

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 320

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 599

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900750

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Uterus

**MISSING**

* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Lung	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Mild
* Liver		Sarcoma	Metastatic (Mesentery)
[ Sarcoma TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Mesentery)
Mesentery		Sarcoma	

Note: Would like to classify this tumor as primary osteosarcoma of mesentery, but that diagnosis is not on menu.

[ Sarcoma TGLS = 1-10 ]

**PRIMARY CAUSE OF DEATH**

- Mesentery Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 321

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900751

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 322

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900752

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-10 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-9 ]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 324

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900754

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 325

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 708

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900755

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 326

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 484

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900756

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Valve	Inflammation	Chronic, Marked
* Intestine Small, Jejunum [ Hyperplasia TGLS = 5-9 ]	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Kidney		Inflammation	Suppurative, Focal, Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Suppurative, Focal, Mild
Lymph Node	Mediastinal	Congestion	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
	Pancreatic	Inflammation	Granulomatous, Marked
[ Congestion TGLS = 3-6 ]			
[ Hyperplasia TGLS = 3-6 ]			
[ Hyperplasia TGLS = 4-10 ]			
[ Inflammation TGLS = 2-5 ]			
* Pancreas		Inflammation	Granulomatous, Marked
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 326

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 484

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900756

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 1-4 ]

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

---

PRIMARY CAUSE OF DEATH

- Heart Valve Inflammation

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 327

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 543

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900757

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 1-4 ]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 328

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900758

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2,3-4+5 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 329

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900759

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 330

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900760

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney		Infarct	Moderate
	[ Infarct TGLS = 2-4 ]		
* Liver		Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 3-7 ]	Cystadenoma	
	[ Cystadenoma TGLS = 4-7 ]		
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 331      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 728  
**DOSE:** 2.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900761

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
	[ Pheochromocytoma Malignant TGLS = 3-6 ]		
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Hydronephrosis	Minimal
		Infarct	Mild
	Artery	Inflammation	Chronic, Mild
		Nephropathy	Minimal
	[ Hydronephrosis TGLS = 2-4 ]		
* Liver		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[ Mixed Cell Focus TGLS = 5-9 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 4-10 ]		
* Stomach, Glandular		Mineralization	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 332

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900762

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* 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**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
			[ Hepatocellular Adenoma TGLS = 5-10 ]
			[ Hepatocellular Carcinoma TGLS = 4,6-5+9 ]
* Lung		Carcinoma	Metastatic (Mesentery)
		Hepatocellular Carcinoma	Metastatic (Liver)
			[ Carcinoma TGLS = 2,3-11 ]
Mesentery		Carcinoma Nos	
	Fat	Necrosis	Mild
			[ Necrosis TGLS = 1-9 ]
* Ovary		Angiectasis	Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 334

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900764

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 4-5,5-10 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Minimal
[ Necrosis TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 336

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900766

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* 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	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Mixed Cell Focus TGLS = 2-4 ]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 337

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900767

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-4+5 ]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-5 ]			
* Ovary		Cyst	Moderate
		Histiocytic Sarcoma	
* Spleen	Lymph Follic	Atrophy	Moderate
		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-4 ]			
* Uterus	Endometrium	Angiectasis	Moderate
		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[ Polyp Stromal TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 339

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900769

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Focal, Mild
		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 4,5-4+5 ]			
* Lung		Sarcoma	Metastatic (Skin)
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-10 ]			
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1,2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 341

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900771

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Papilla	Necrosis	Mild
		Nephropathy	Moderate
* Liver	Sinusoid	Amyloid Deposition	Mild
		Eosinophilic Focus	
	[ Eosinophilic Focus TGLS = 4-5 ]		
* Pancreas	Acinus	Atrophy	Mild
* Skin	Epidermis	Cyst	Mild
	Epidermis	Hyperplasia	Focal, Mild
		Ulcer	Moderate
	[ Ulcer TGLS = 1,2-9 ]		
* Spleen	Lymph Follic	Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Minimal
	[ Amyloid Deposition TGLS = 3-4 ]		
	[ Hematopoietic Cell Proliferation TGLS = 3-4 ]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 342

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 693

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900772

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* 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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
	[ Pheochromocytoma Benign TGLS = 1-6 ]		
* Heart	Myocardium	Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Focal, Mild
	[ Eosinophilic Focus TGLS = 5-9 ]		
	[ Hepatoblastoma TGLS = 3,4-5 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 6-9 ]		
* Stomach, Forestomach		Ulcer	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 343

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 406

**DOSE:** 2.0%

**DISP:** Natural Death

**HISTO:** 9900773

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* 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**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Focal, Minimal
* Spleen	Lymph Follic	Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 344

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900774

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 1,3-4+9 ]			
[ Hepatocellular Adenoma TGLS = 2-5 ]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Ovary		Cyst	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 345

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900775

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 1-5 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]			
* Ovary		Angiectasis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 348

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900778

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Mixed Cell Focus TGLS = 3-4 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 349

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900779

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 5-5 ]			
[ Mixed Cell Focus TGLS = 3-4 ]			
* Spleen	Capsule	Fibrosis	Focal, Minimal
	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-4 ]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1,2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 350

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 576

**DOSE:** 2.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900780

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Sarcoma	Metastatic (Skin)
* Ovary		Cyst	Minimal
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1,2-9+10 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Focal, Minimal
* Urinary Bladder		Sarcoma	Metastatic (Skin)

**PRIMARY CAUSE OF DEATH**

- Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 351

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 501

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900781

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Mixed Cell Focus TGLS = 2-9 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-9 ]			
* Nose		Inflammation	Acute, Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 352      **TRT#:** 8      **SEX:** Female      **DAY ON TEST:** 504  
**DOSE:** 4.0%      **DISP:** Natural Death      **HISTO:** 9900782

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
[ Vacuolization Cytoplasmic TGLS = 3-4 ]			
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
Note: Pale liver = Glycogen infiltration, diffuse.			
[ Clear Cell Focus TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Hemangioma	
* Spleen	Lymph Follic	Atrophy	Moderate
[ Atrophy TGLS = 1-4 ]			
* Stomach, Glandular		Ulcer	Mild
[ Ulcer TGLS = 5-10 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**      - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 353

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900783

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 4-4,2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 354

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 501

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900784

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Necrosis	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Nose		Inflammation	Suppurative, Minimal
* Ovary		Cyst	Minimal
[ Cyst TGLS = 1-7 ]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hemorrhage	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 355

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900785

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Infarct	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
[ Eosinophilic Focus TGLS = 3-3+4+5+9 ]			
[ Hepatocellular Carcinoma TGLS = 1-10 ]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 356

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900786

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
	[ Eosinophilic Focus TGLS = 2,3-4+5 ]		
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 1-9 ]		
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 357	<b>TRT#:</b> 8 <b>DOSE:</b> 4.0%	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> 9900787
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Minimal
[ Necrosis TGLS = 3-10 ]			
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Marked
[ Atrophy TGLS = 2-4 ]		Hematopoietic Cell Proliferation	Mild

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**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Sarcoma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 358

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 647

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900788

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Lung		Congestion	Moderate
[ Congestion TGLS = 1-3 ]			
* Stomach, Glandular		Ulcer	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 359

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900789

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-5 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 3-9 ]			
[ Mixed Cell Focus TGLS = 2-3 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 5-5 ]			
* Ovary		Angiectasis	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 360

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900790

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 2-10 ]			
[ Mixed Cell Focus TGLS = 3,5-11+4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 6-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 361	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 542
	<b>DOSE:</b> 4.0%	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9900791

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* 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

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-5 ]			
* Lung	Bronchus	Foreign Body	
	Bronchus	Inflammation	Acute, Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** - Lung Bronchus Inflammation

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 362

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 542

**DOSE:** 4.0%

**DISP:** Accidentally Killed

**HISTO:** 9900792

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Vacuolization Cytoplasmic	Focal, Minimal
* Lung	Bronchus	Foreign Body	
	Bronchus	Inflammation	Acute, Moderate
* Nose		Inflammation	Acute, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Uterus		Deciduoma Benign	

[ Deciduoma Benign TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- Lung Bronchus Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 363

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 542

**DOSE:** 4.0%

**DISP:** Accidentally Killed

**HISTO:** 9900793

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* 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		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Focal, Minimal
		[ Eosinophilic Focus TGLS = 2-4 ]	
		[ Hepatocellular Adenoma TGLS = 3-9 ]	
* Lung	Bronchus	Foreign Body	
	Bronchus	Inflammation	Acute, Moderate
* Nose		Inflammation	Acute, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		[ Hyperplasia TGLS = 1-7 ]	

**PRIMARY CAUSE OF DEATH** - Lung Bronchus Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 364	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 542
	<b>DOSE:</b> 4.0%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9900794

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		[ Eosinophilic Focus TGLS = 1,3-4+9 ]	
		[ Hepatocellular Carcinoma TGLS = 2-10 ]	
		[ Mixed Cell Focus TGLS = 3-9 ]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 365

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 542

**DOSE:** 4.0%

**DISP:** Accidentally Killed

**HISTO:** 9900795

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 1-9 ]			
[ Mixed Cell Focus TGLS = 1-9 ]			
* Lung	Bronchus	Foreign Body	
	Bronchus	Inflammation	Acute, Moderate
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

- Lung Bronchus Inflammation

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 366

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900796

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 367

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 452

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900797

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 368

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900798

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 3-5 ]			
[ Mixed Cell Focus TGLS = 5,6-11+10 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Adenoma	
[ Adenoma TGLS = 7-3 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 370

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900800

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infarct	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
	[ Clear Cell Focus TGLS = 3-5 ]		
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]		
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 371

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900801

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* 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		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 3-10 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 372

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 20

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900802

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
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**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 373

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900803

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Inflammation	Chronic, Mild
* Brain	Artery, Meninges	Inflammation	Chronic, Moderate
Eye		Atrophy	Marked
[ Atrophy TGLS = 1-9 ]			
* Heart	Artery	Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery	Artery	Inflammation	Chronic, Moderate
* Ovary		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 4-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 374

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900804

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-5 ]			
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-5 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-5 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-9 ]			
Oviduct		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 375

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900805

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 4-4 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2,3-3 ]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 376

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 228

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900806

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Urinary Bladder	* Uterus		

**MISSING**

* Esophagus	* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Lung		Inflammation	Granulomatous, Marked

[ Inflammation TGLS = 1-3 ]

**PRIMARY CAUSE OF DEATH**

- Lung Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 377

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900807

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain	Hypothalamus	Compression	Marked
		Hydrocephalus	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-6 ]			

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 378

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900808

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 2-7 ]			
* Thyroid Gland		Inflammation	Granulomatous, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 380      **TRT#:** 8      **SEX:** Female      **DAY ON TEST:** 728  
**DOSE:** 4.0%      **DISP:** Terminal Sacrifice      **HISTO:** 9900810

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Cyst	Mild
[ Cyst TGLS = 2-8 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Intestine Small, Jejunum	Peyers Patch	Inflammation	Acute, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 3-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 381

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900811

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal, Minimal
[ Eosinophilic Focus TGLS = 5-4 ]			
[ Hepatocellular Adenoma TGLS = 4-5 ]			
[ Mixed Cell Focus TGLS = 6-10 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 382

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 395

**DOSE:** 4.0%

**DISP:** Moribund Sacrifice

**HISTO:** 9900812

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain	Hypothalamus	Compression	Moderate
		Hydrocephalus	Mild
* Clitoral Gland		Hyperplasia	Mild
* Intestine Large, Colon		Polyp Adenomatous	Multiple
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Lung		Inflammation	Chronic, Focal, Minimal
[ Inflammation TGLS = 2-3 ]			
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Intermed	Carcinoma	
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Carcinoma	
[ Carcinoma TGLS = 1-3 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Intermed Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 383      **TRT#:** 8      **SEX:** Female      **DAY ON TEST:** 687  
**DOSE:** 4.0%      **DISP:** Natural Death      **HISTO:** 9900813

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Esophagus		Ulcer	Marked
* Heart	Myocardium	Inflammation	Chronic Active, Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-4+5 ]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 3-5 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - Liver Histiocytic Sarcoma  
**CONTRIBUTORY CAUSE OF DEATH** - Mesentery Fat Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 384

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 698

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900814

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Esophagus		Lymphoma Malignant	
* Heart	Myocardium	Mineralization	Minimal
* Intestine Large, Colon		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 1-2 ]	
* Ovary		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 2-4 ]	
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 384

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 698

**DOSE:** 4.0%

**DISP:** Natural Death

**HISTO:** 9900814

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 385	<b>TRT#:</b> 8 <b>DOSE:</b> 4.0%	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 565 <b>HISTO:</b> 9900815
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

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**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Heart	Myocardium	Mineralization	Mild
* Skin	Subcut Tiss	Sarcoma	
* Spleen	Lymph Follic	Atrophy	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 386

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900816

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 387

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900817

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 388

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900818

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus Inflammation Vacuolization Cytoplasmic	Chronic, Minimal Focal, Minimal
* Ovary		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 389

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900819

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 390

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900820

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatodiaphragmatic Nodule TGLS = 2-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 391

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900821

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum [ Hyperplasia TGLS = 2-9 ]	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney		Infarct	Mild
* Liver		Inflammation	Chronic, Minimal
* Ovary		Angiectasis	Mild
		Cyst	Mild
* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

Animal Note: TGL 3-4 - "No Corresponding Lesion"

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 392

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900822

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* 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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Degeneration	Marked
[ Degeneration TGLS = 1-9 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangioma	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
[ Eosinophilic Focus TGLS = 5-5+11 ]			
[ Hepatocellular Adenoma TGLS = 4-12 ]			
* Lung		Inflammation	Granulomatous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH** -

Animal Note: TGL 3-4 - "No Corresponding Lesion"

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 393

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900823

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Marked
		Inflammation	Chronic, Minimal
[ Hepatocellular Adenoma TGLS = 2-10 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 394

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900824

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-4 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-9 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 395

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900825

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 4-10 ]			
[ Hepatocellular Adenoma TGLS = 2,3-5+9 ]			
[ Mixed Cell Focus TGLS = 5-11 ]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
[ Hyperplasia TGLS = 6-12 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 396

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900826

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* 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			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 397

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900827

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphocyte, Minimal
* Ovary		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 398

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900828

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-10 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Cyst	Moderate
[ Cyst TGLS = 3-11 ]			
* Spleen		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 399

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900829

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
[ Basophilic Focus TGLS = 3-9 ]			
[ Eosinophilic Focus TGLS = 3-9 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Inflammation	Suppurative, Focal, Minimal
		Squamous Cell Papilloma	
[ Hyperplasia TGLS = 4-10 ]			
[ Inflammation TGLS = 4-10 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 399

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900829

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Squamous Cell Papilloma TGLS = 4-10 ]

\* Thyroid Gland

Inflammation

Granulomatous, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 400

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900830

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 4-10 ]			
[ Mixed Cell Focus TGLS = 5-10 ]			
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 2-9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-10 ]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[ Angiectasis TGLS = 1-7 ]			
[ Hyperplasia TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88031-06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Dipropylene glycol  
**CAS Number:** 25265-71-8

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:27:06  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 400

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 4.0%

**DISP:** Terminal Sacrifice

**HISTO:** 9900830

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE