

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Barium chloride dihydrate

CAS Number: 10326-27-9

Date Report Requested: 10/20/2014

Time Report Requested: 12:13:00

First Dose M/F: NA / NA

Lab: TSI MASON

C Number:	C61074B
Lock Date:	11/15/1991
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	02/13/1992

Experiment Number: 05127-02
Test Type: CHRONIC
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 457 HISTO: 871522
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* 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

* Lymph Node, Mandibular	* Mammary Gland
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Kidney	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6.1]		
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Necrosis	Focal, Mild
* Lung	Lymphoma Malignant Mixed	
Lymph Node	Lymphoma Malignant Mixed	
Iliac	Lymphoma Malignant Mixed	
Lumbar	Lymphoma Malignant Mixed	
Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-11,4-10,1-5.1,3-9]		
[Lymphoma Malignant Mixed TGLS = 5-11,4-10,1-5.1,3-9]		
[Lymphoma Malignant Mixed TGLS = 5-11,4-10,1-5.1,3-9]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-11,4-10,1-5.1,3-9]		
* Nose	Inflammation	Chronic, Mild
* Skin	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-3]		
* Spleen	Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882583

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Lymphoma Malignant Mixed
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 492
DOSE: 0 PPM **DISP:** Moribund **HISTO:** 882584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Gallbladder [Dilatation TGLS = 2-2]		Dilatation	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver [Fatty Change TGLS = 3-2]		Fatty Change	Moderate
* Nose		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Adenoma	
Preputial Gland [Cyst TGLS = 1-9]		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 882585
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Esophagus	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 3-9]		
* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1+2-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 882586
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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	* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver [Clear Cell Focus TGLS = 2-2] [Eosinophilic Focus TGLS = 3-2.1]		Clear Cell Focus Eosinophilic Focus	
* Nose Preputial Gland [Cyst TGLS = 1-9]		Inflammation Cyst	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 2-6.1]	Lymphoma Malignant Mixed	
* Islets, Pancreatic	Adenoma	
* Lymph Node, Mesenteric [Necrosis TGLS = 4-5]	Necrosis	Focal, Mild
* Nose Preputial Gland [Cyst TGLS = 1-9] [Ectasia TGLS = 5-9]	Inflammation Cyst Ectasia	Chronic, Mild Marked
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]	Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 882588
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland		
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2.1]		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2]			
* Lymph Node, Mesenteric		Congestion	Mild
[Congestion TGLS = 3-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 6-10]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882588

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 882589
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	
	Renal Tubule	Regeneration	Mild
[Cyst TGLS = 6-3.1]			
* Liver		Carcinoma	Metastatic (Uncertain Primary Site)
		Clear Cell Focus	
		Necrosis	Focal, Marked
		Nuclear Alteration	Marked
[Necrosis TGLS = 3-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4+5-1+1.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 882590
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* 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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-9]		Adenoma	
* Intestine Large, Cecum [Hyperplasia TGLS = 3-3]		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
Preputial Gland		Ectasia	Marked
* Seminal Vesicle [Dilatation TGLS = 1-4.1]		Dilatation	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 596
DOSE: 0 PPM **DISP:** Moribund **HISTO:** 882591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Liver		
Note: SMALL LIVER IS PROPORTIONAL TO LOW BODY WT TGL 3		
* Lung	Congestion	Mild
[Congestion TGLS = 4-1]		
* Lymph Node, Mesenteric	Congestion	Moderate
[Congestion TGLS = 2-5]		
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 1-9]		
* Stomach, Forestomach	Acanthosis	Moderate
	Ulcer	Marked
[Ulcer TGLS = 5-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6.1]			
* Kidney		Mineralization	Minimal
* Lung	Alveolar Epith	Metaplasia	Moderate
[Metaplasia TGLS = 1-1.1]			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Gallbladder		Dilatation	Marked
[Dilatation TGLS = 1-2]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
Note: TUMOR CELLS SEEN IN BLOOD VESSELS OF CARCINOMA			
[Hepatocellular Carcinoma TGLS = 2-2.1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-5]			
* Nose		Inflammation	Chronic, Mild
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 5-6.1]			
Tongue		Depletion Cellular	Mild
[Depletion Cellular TGLS = 6-9]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.1]		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Mineralization	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
* Nose		Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 1-9]		Cyst	
* Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* 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
* 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	Hyperplasia	Focal, Mild
Harderian Gland	Adenoma	
[Adenoma TGLS = 2-9]		
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Minimal
* Liver	Eosinophilic Focus	
[Hepatocellular Adenoma TGLS = 1-2]	Hepatocellular Adenoma	
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 4-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 882596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Mineralization Regeneration Hepatocellular Adenoma	Minimal Minimal Multiple
* Liver [Hepatocellular Adenoma TGLS = 1+2-2+2.1]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Cyst Ectasia	Marked
	[Cyst TGLS = 5-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Colon	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	Two
		Inflammation	Chronic, Moderate
	[Cyst TGLS = 1-9]		
* Prostate		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
Mesentery	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Marked
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-6]			
* Intestine Small, Jejunum		Adenocarcinoma	
[Adenocarcinoma TGLS = 3-10]			
* Kidney	Renal Tubule	Cyst	Minimal
Note: NO KIDNEY FOCUS SEEN TGL 5		Regeneration	
[Cyst TGLS = 5-3.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882598

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 457
	DOSE: 0 PPM	DISP: Interval Sacrifice	HISTO: 871523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic [Hyperplasia TGLS = 2-5]		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver [Fatty Change TGLS = 3-2]		Fatty Change	Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Skin Note: TGL 1 SLIDE 9 Note: SUBCUTANEOUS NODULE IS NORMAL LYMPH NODE			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex Note: HYPERPLASIA IS SUBCAPSULAR		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-2]		Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-1]		Alveolar/Bronchiolar Adenoma	
* Nose Preputial Gland [Cyst TGLS = 1-9]		Inflammation Cyst Ectasia	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 882600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4,5,6,7-2+2.1+2.2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Moderate
	[Cyst TGLS = 1-9]		
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* 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
* 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

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1+2-2.1]		
* Lymph Node, Mesenteric		Congestion	Moderate
* Nose		Inflammation	Chronic, Moderate
Preputial Gland		Cyst	Two
	[Cyst TGLS = 3-9]		
* Thymus		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 303

DOSE: 0 PPM

DISP: Dead

HISTO: 871603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

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

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder

OBSERVATIONS

* Gallbladder			
Note: 050512702002211 COLOR CHANGES DUE TO AUTOLYSIS			
* Islets, Pancreatic		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland		Congestion	Marked
[Congestion TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 4,5,6-2+2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 3-9]		
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 1+2-4.1,7-4.1]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 882603
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Brain	Mineralization	Mild
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 2-10]		
* Skin	Fibroma	
[Fibroma TGLS = 1-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Lung	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

* Bone Marrow	Hyperplasia	Neutrophil, Mild
* Brain	Mineralization	Moderate
* Intestine Large, Cecum	Lymphoma Malignant Histiocytic	
* Intestine Small, Ileum	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 3-6.1]		
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Eosinophilic Focus	
	Hematopoietic Cell Proliferation	Mild
	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-2.1]		
* Lymph Node, Mesenteric	Infiltration Cellular	Plasma Cell, Marked
	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2-5.1]		
* Nose	Inflammation	Chronic, Mild
Pharynx	Developmental Malformation	
[Developmental Malformation TGLS = 6-11]		
Preputial Gland	Cyst	
	Ectasia	Marked
[Cyst TGLS = 1-9]		
* Spleen	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882604

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 457

DOSE: 0 PPM

DISP: Interval Sacrifice

HISTO: 871524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Moderate
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-9]		
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 406
	DOSE: 0 PPM	DISP: Moribund	HISTO: 871604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* 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

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 4-3]			
* Liver		Fatty Change	Moderate
[Fatty Change TGLS = 5-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-9]			
* Pancreas	Serosa	Necrosis	Moderate
[Necrosis TGLS = 3-5]			
* Stomach, Forestomach		Hyperkeratosis	Mild
[Hyperkeratosis TGLS = 7-3.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-5]		
* Nose		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 457 HISTO: 871525
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* 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		

MISSING

* Adrenal Medulla	* Mammary Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Perivascular	Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Focal, Minimal
	Renal Tubule	Regeneration	Minimal
	[Regeneration TGLS = 1-3]		
* Liver		Fatty Change	Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Gallbladder [Dilatation TGLS = 2-2]	Dilatation	Marked
* Kidney	Mineralization	Mild
* Liver [Hemangiosarcoma TGLS = 1-2.1]	Hemangiosarcoma	
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Mild
* Heart	Mineralization	Mild
* Islets, Pancreatic	Hyperplasia	Marked
* Liver	Basophilic Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2,3,4-2.1+2.2]		
* Nose	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 882608
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* 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

* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]	Hyperplasia	Lymphoid, Moderate
* Kidney	Mineralization	Minimal
	Renal Tubule	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-1]	Regeneration Alveolar/Bronchiolar Adenoma	
Preputial Gland [Cyst TGLS = 1-9]	Cyst	Multiple

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* 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

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
	[Cyst TGLS = 2-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* 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, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* 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		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Abscess	Mild
		Ectasia	Marked
[Ectasia TGLS = 3-9]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 1+2-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-2,3-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1.1]		
* Nose		Inflammation	Chronic, Mild
* Stomach, Glandular		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 457 HISTO: 871526
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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

* Adrenal Medulla	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
[Regeneration TGLS = 1-3]			
* Liver		Fatty Change	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Heart [Dilatation TGLS = 5-2]	Dilatation	Moderate
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Liver Note: TUMOR IS INVADING VESSEL [Hepatocellular Carcinoma TGLS = 4-2.1]	Hepatocellular Carcinoma	
* Nose	Inflammation	Chronic, Mild
* Pancreas Note: NO LESION SEEN IN PANCREAS TGL 2		
Preputial Gland [Cyst TGLS = 1-9]	Cyst	Two
* Stomach, Forestomach [Diverticulum TGLS = 3-6.1]	Diverticulum	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 459

DOSE: 0 PPM

DISP: Interval Sacrifice

HISTO: 871527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 693

DOSE: 0 PPM

DISP: Moribund

HISTO: 882613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-2]		
[Hepatocellular Carcinoma TGLS = 1-2.1+2.2]		
* Spleen	Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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	* 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

* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 1-6.1]	Lymphoma Malignant Mixed	
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Mild
* Liver [Hepatocellular Adenoma TGLS = 3-2,2-2.1,4-2.2]	Hepatocellular Adenoma	Multiple
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 5-5]	Lymphoma Malignant Mixed	
* Nose Preputial Gland [Ectasia TGLS = 6-9]	Inflammation Ectasia	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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
* 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

Harderian Gland [Adenoma TGLS = 2-9]		Adenoma	
* Kidney * Lymph Node, Mesenteric [Hyperplasia TGLS = 3-5]	Renal Tubule	Regeneration Hyperplasia	Minimal Lymphoid, Moderate
* Nose Preputial Gland [Cyst TGLS = 1-10] [Ectasia TGLS = 4-10]		Inflammation Cyst Ectasia	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 882616
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6]	Hyperplasia	Lymphoid, Moderate
* Nose Preputial Gland [Ectasia TGLS = 3-9]	Inflammation Ectasia	Chronic, Mild Marked
* Seminal Vesicle [Dilatation TGLS = 1-4]	Dilatation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Moderate
* Heart	Dilatation	Moderate
[Dilatation TGLS = 3-2]		
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 9-6.1]		
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Mineralization	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2,4-2.1,5-2.2,6-2.3]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Ectasia	Marked
[Cyst TGLS = 7-9]		
[Ectasia TGLS = 8-9]		
* Seminal Vesicle	Dilatation	Marked
[Dilatation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882617

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Marked
* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Ectasia	Marked
* Prostate	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* 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, Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-6.1]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-5]			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood	* Bone	* Bone Marrow
* 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, Mesenteric	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1.1]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Marked
* Liver	Basophilic Focus	
	Eosinophilic Focus	
[Basophilic Focus TGLS = 2-2.1]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 3-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Colon	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
Note: HYPERPLASIA IS SUBCAPSULAR			
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Two
* Nose		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 457

DOSE: 0 PPM

DISP: Interval Sacrifice

HISTO: 871528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* 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	* Pancreas	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Urinary Bladder			

MISSING

* Esophagus	* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
		Necrosis	Focal, Mild
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Inflammation	Acute, Focal, Marked
[Inflammation TGLS = 1-9]			
* Prostate		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 717
	DOSE: 0 PPM	DISP: Moribund	HISTO: 882623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain	Mineralization	Minimal
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Minimal
	Regeneration	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-2.1,2-2,3-2.2,6-2.1,7-2]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]		
* Nose	Inflammation	Chronic, Moderate
Tongue	Pigmentation	Moderate
[Pigmentation TGLS = 8-9]		

PRIMARY CAUSE OF DEATH

-

Animal Note: NO CECAL LESION SEEN IN SLIDE 6 OR 6.1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 459

DOSE: 0 PPM

DISP: Interval Sacrifice

HISTO: 871529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Lung			
Note: NO NODULE SEEN IN ORIGINAL SLIDE OR RECUTS			
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-9]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Minimal
* Lung		Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular	Lymphatic	Angiectasis	Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Preputial Gland		Cyst	
[Cyst TGLS = 2-10]			
* Prostate	Artery	Inflammation	Chronic, Moderate
* Stomach, Glandular		Cyst Epithelial Inclusion	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Dead	DAY ON TEST: 730 HISTO: 882625
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	* Bone	* Brain	* Epididymis
* Lung	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Skin	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Esophagus	* Mammary Gland
* Pituitary Gland	* Spleen		

AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Pancreas	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Urinary Bladder

OBSERVATIONS

* Heart [Dilatation TGLS = 3-2]		Dilatation	Moderate
* Int Lg Rectum Note: NO NODULE SEEN IN AUTOLYZED RECTUM TGL 5			
* Intestine Small, Ileum Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED. [Lymphoma Malignant TGLS = 6-6]		Lymphoma Malignant	
* Liver [Hemangiosarcoma TGLS = 4-2]		Hemangiosarcoma	
Lymph Node Renal [Lymphoma Malignant TGLS = 1-3.1+9,2-5.1]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 1-3.1+9,2-5.1]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

Animal Note: AUTOLYSIS PRECLUDES FURTHER CLASSIFICATION OF LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
* Brain	Mineralization	Moderate
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Adenoma	
	Hyperplasia	Marked
[Adenoma TGLS = 2-5]		
* Kidney	Mineralization	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3+4-2,5-2.1]		
Preputial Gland	Cyst	
[Cyst TGLS = 6-9]		
* Seminal Vesicle	Dilatation	Marked
[Dilatation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
Tissue NOS	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 4-2.1]		
	[Hepatocellular Adenoma TGLS = 1-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 3-9]		
Tissue NOS			
Note: TGL 5 TISSUE NOS IS NORMAL FAT. NO LESION SEEN.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Mild
	[Hepatocellular Adenoma TGLS = 1-2,2-2.1,3-2.2]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Intestine Large, Cecum	Serosa	Fibrosis Hyperplasia	Mild Lymphoid, Moderate
[Fibrosis TGLS = 4-6.1] [Hyperplasia TGLS = 2-6.1]			
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
Mesentery		Inflammation	Chronic, Mild
[Inflammation TGLS = 3-6.1]			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 882630
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant Histiocytic	
* Stomach, Glandular		Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 1-6.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Brain	Mineralization	Moderate
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Adenoma	
	Hyperplasia	Marked
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Thrombosis	
	[Hepatocellular Adenoma TGLS = 8-2]	
	[Hepatocellular Carcinoma TGLS = 3-2,2-2.1]	
* Lung	Alveolar/Bronchiolar Adenoma	
	Carcinoma	Metastatic (Uncertain Primary Site)
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]	
	[Carcinoma TGLS = 7-1+1.1]	
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-5]	
* Nose	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-3]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 459 HISTO: 871530
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Kidney		Cyst	
* Lung	Renal Tubule	Regeneration	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1]	Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Moribund

DAY ON TEST: 661
HISTO: 883124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Prostate	* Thymus
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OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Angiectasis	Moderate
		Fatty Change	Minimal
		Alveolar/Bronchiolar Adenoma	
* Lung		Inflammation	Chronic, Mild
* Nose		Ectasia	Moderate
Preputial Gland			

[Angiectasis TGLS = 2-2.1]

[Ectasia TGLS = 1-9]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 520
	DOSE: 500 PPM	DISP: Dead	HISTO: 883125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* 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
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Epididymis	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Kidney	Mineralization	Minimal
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
Preputial Gland	Ectasia	Moderate
* Spleen	Depletion Lymphoid	Moderate
[Depletion Lymphoid TGLS = 1-3]		
* Stomach, Glandular	Erosion	Moderate
[Erosion TGLS = 2-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* 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
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex Note: HYPERPLASIA IS SUBCAPSULAR.	Hyperplasia	Moderate
* Brain	Mineralization	Minimal
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6+6.1]	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Mineralization	Mild
* Liver [Clear Cell Focus TGLS = 1-2]	Clear Cell Focus	
* Nose	Inflammation	Chronic, Mild
Preputial Gland [Ectasia TGLS = 2-9]	Ectasia	Marked
* Stomach, Glandular	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Mineralization	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Atrophy	Focal, Mild
	Mineralization	Mild
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5]		
Preputial Gland	Cyst	
	Ectasia	Marked
[Cyst TGLS = 1-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 602

DOSE: 500 PPM

DISP: Moribund

HISTO: 883128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 7-6+6.1]		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Carcinoma	
* Kidney [Dilatation TGLS = 2-3]	Renal Tubule	Dilatation	Mild
		Mineralization	Mild
* Liver [Fatty Change TGLS = 3-2]		Clear Cell Focus	
		Fatty Change	Mild
* Lung Note: NO NODULE SEEN IN ORIGINAL SLIDE OR RECUT TGL 4			
* Nose Preputial Gland [Cyst TGLS = 6-9]		Inflammation	Chronic, Mild
		Cyst	
* Spleen [Depletion Lymphoid TGLS = 1-3]		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 3-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-2]	Hepatocellular Adenoma	
* Lung	Alveolar/Bronchiolar Adenoma	
* Nose Preputial Gland [Ectasia TGLS = 2-9]	Inflammation Ectasia	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Atrophy	Focal, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 1-6.1]		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mesenteric	* 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		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-9]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
* Lung		Pigmentation	Moderate
* Lymph Node, Mandibular	Lymphatic	Angiectasis	Mild
[Angiectasis TGLS = 1-5]			
* Nose		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* 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	Hyperplasia	Focal, Mild
* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]	Hyperplasia	Lymphoid, Mild
* Kidney	Mineralization	Mild
* Liver [Hepatocellular Adenoma TGLS = 1+2+3-2]	Hepatocellular Adenoma	Multiple
* Nose	Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 529

DOSE: 500 PPM

DISP: Moribund

HISTO: 883134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Kidney	Mineralization	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-9]	Ectasia	Marked
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 1-4]		
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* 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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	[Basophilic Focus TGLS = 3-2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Moderate
	[Cyst TGLS = 1-9]		
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Esophagus	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
	[Hepatocellular Carcinoma TGLS = 2+3-2.1]		
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2+3+4-2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 5-9]		
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 1-4+4.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-9]			
* Spleen		Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 3	SEX: Male	DAY ON TEST: 457
	DOSE: 500 PPM	DISP: Interval Sacrifice	HISTO: 871575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
* Spleen		Congestion	Mild
[Congestion TGLS = 2-3.1]		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 459

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871576

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	* 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		Cytoplasmic Alteration	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Focal, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-2]		
* Lung			
	Note: NO FOCUS SEEN IN ORIGINAL SLIDE OR RECUTS		
Preputial Gland		Cyst	
	[Cyst TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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 [Inflammation TGLS = 4-4.1]	Inflammation	Granulomatous, Marked
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.1]	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Marked
* Liver [Hepatocellular Carcinoma TGLS = 2-2.1]	Fatty Change Hepatocellular Carcinoma	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-1]	Alveolar/Bronchiolar Adenoma	
* Nose Preputial Gland [Cyst TGLS = 1-9]	Inflammation Cyst	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Marked
[Hyperplasia TGLS = 2-5]			
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-2.1]			
[Hepatocellular Carcinoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 3-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]		
* Nose	Inflammation	Chronic, Mild
* Seminal Vesicle	Dilatation	Marked
[Dilatation TGLS = 1-4.1]		
* Spleen	Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 2-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* 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		Hyperplasia	Focal, Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Lung	Alveolar Epith	Metaplasia	Moderate
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-6.1]			
* Kidney	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-6]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
[Hepatocellular Adenoma TGLS = 2+3-2]		Hepatocellular Adenoma	Multiple
* Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
Tooth		Hypertrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883147

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

MISSING

* Intestine Small, Jejunum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-2]	
		[Hepatocellular Carcinoma TGLS = 1-2.1]	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		[Cyst TGLS = 3-9]	
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 3 DOSE: 500 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 459 HISTO: 871577
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Gallbladder	* Heart	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* 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

* Esophagus	* Intestine Large, Colon	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Urinary Bladder

MISSING

* Esophagus	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Parathyroid Gland	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-2]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 4+5-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 1-9]		
* Seminal Vesicle		Dilatation	Moderate
	[Dilatation TGLS = 2-4]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 4-2]		
	[Hepatocellular Adenoma TGLS = 3-2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-9]		
* Prostate		Dilatation	Marked
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883151

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

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
* Islets, Pancreatic	Hyperplasia	Marked
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]		
* Lymph Node, Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-5]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 1-9]		
* Spleen	Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 2-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92	TRT#: 3 DOSE: 500 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 459 HISTO: 871578
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* 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

* Intestine Large, Rectum	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-1]		
* Nose	Inflammation	Chronic, Mild
Pharynx	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-9]		
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 3-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* 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		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 5-2+2.1]	
		[Hepatocellular Adenoma TGLS = 2+3+4+6-2]	
* Nose		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
		[Dilatation TGLS = 1-4]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 578

DOSE: 500 PPM

DISP: Moribund

HISTO: 883154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas	* Parathyroid 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

* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Degeneration	Moderate
	[Degeneration TGLS = 2-3]		
* Liver		Fibrosis	Mild
		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Necrosis	Focal, Marked
	[Fibrosis TGLS = 9+10-2]		
	[Hepatocellular Carcinoma TGLS = 4+5-2]		
	[Necrosis TGLS = 3-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 7-1]		
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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
* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 1-6.1]	Hyperplasia	Lymphoid, Mild
* Liver Note: NO NODULE SEEN IN ORIGINAL SLIDE OR RECUT TGL 2		
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 457

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* 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

* Kidney		Inflammation	Chronic, Focal, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 3-2]			
* Nose		Inflammation	Chronic, Focal, Minimal
Preputial Gland		Cyst	
		Inflammation	Acute, Focal, Minimal
[Cyst TGLS = 2-9]			
[Inflammation TGLS = 1-9]			
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* 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	* 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		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6+6.1]		Hyperplasia	Lymphoid, Marked
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 1-9]		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 3 DOSE: 500 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 457 HISTO: 871580
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 3-2]			
* Lymph Node, Mesenteric		Congestion	Minimal
[Congestion TGLS = 2-5]			
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 4-9]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* 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	* 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		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Moderate
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Moderate
[Cyst TGLS = 1-9]			
[Ectasia TGLS = 1-9]			
* Spleen		Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 2-3]			
* Stomach, Forestomach		Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 883158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Atrophy	Focal, Mild
		Cyst	
* Lymph Node, Mandibular	Lymphatic	Angiectasis	Mild
* Nose		Inflammation	Chronic, Mild
* Spleen		Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 1-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Kidney	Mineralization	Minimal
* Liver	Clear Cell Focus	
* Nose	Inflammation	Chronic, Mild
* Stomach, Forestomach [Hyperkeratosis TGLS = 1-6]	Hyperkeratosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 459

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Esophagus	* Mammary Gland	* Pituitary Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
Preputial Gland		Cyst	

[Cyst TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]		Hyperplasia	Lymphoid, Moderate
* Lung	Alveolar Epith	Metaplasia	Moderate
* Lymph Node, Mesenteric [Infiltration Cellular TGLS = 2-5]		Infiltration Cellular	Histiocyte, Marked
Mesentery		Fibrosis	Mild
	Fat	Necrosis	Marked
[Fibrosis TGLS = 4+5-9]			
[Necrosis TGLS = 1-9]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 6-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 1-6+9]	Hyperplasia	Lymphoid, Moderate
* Kidney	Atrophy	Focal, Mild
* Liver [Angiectasis TGLS = 2-2.1]	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Lymph Node, Mesenteric	* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 6-10]	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Minimal
* Liver [Clear Cell Focus TGLS = 5-2,7-2.2] [Hepatocellular Adenoma TGLS = 2-2] [Hepatocellular Carcinoma TGLS = 3-2.1]	Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
* Nose Preputial Gland [Cyst TGLS = 1-9]	Inflammation Cyst	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Interval Sacrifice

DAY ON TEST: 457
HISTO: 871582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Liver	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Intestine Small, Duodenum [Polyp Adenomatous TGLS = 2-6]		Polyp Adenomatous	
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland [Cyst TGLS = 1-9]		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108	TRT#: 3 DOSE: 500 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 457 HISTO: 871583
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
Preputial Gland		Cyst	Two
[Cyst TGLS = 1-9]			
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 457

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* 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

* Intestine Large, Rectum	* Mammary Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Epididymis		Fibrosis	Focal, Mild
[Fibrosis TGLS = 1-4]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* 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		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.1]		Hyperplasia	Lymphoid, Mild
* Liver [Clear Cell Focus TGLS = 4-2.1]		Clear Cell Focus	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-1]		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric [Angiectasis TGLS = 2-5]	Lymphatic	Angiectasis	Mild
* Nose		Inflammation	Chronic, Moderate
Preputial Gland [Ectasia TGLS = 1-9]		Metaplasia Ectasia	Squamous, Moderate Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Mineralization	Mild
* Liver	Angiectasis	Moderate
[Angiectasis TGLS = 2-2]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 1-9]		
* Stomach, Forestomach	Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 5-6.1]		
[Squamous Cell Carcinoma TGLS = 4-6]	Squamous Cell Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* 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	Hyperplasia	Marked
	Hypertrophy	Focal, Mild
Note: HYPERPLASIA IS SUBCAPSULAR.		
* Brain	Mineralization	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Mineralization	Mild
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2.1,4-2]		
Preputial Gland	Cyst	
[Cyst TGLS = 1-9]		
* Spleen	Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 3-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* 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	Hyperplasia	Focal, Marked
* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]	Hyperplasia	Lymphoid, Mild
* Intestine Small, Duodenum [Lymphoma Malignant Mixed TGLS = 2-6]	Lymphoma Malignant Mixed	
* Kidney	Mineralization	Minimal
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 3-5]	Lymphoma Malignant Mixed	
* Nose Preputial Gland [Ectasia TGLS = 5-9]	Inflammation Ectasia	Chronic, Mild Marked
* Spleen [Lymphoma Malignant Mixed TGLS = 1-3]	Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Dead

DAY ON TEST: 675
HISTO: 883167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Prostate	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Urinary Bladder		

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 3-2]		
	[Hepatocellular Adenoma TGLS = 1-2]		
* Lung	Alveolar Epith	Metaplasia	Moderate
	[Metaplasia TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* 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	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 7-6]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Mineralization	Mild
* Liver		Eosinophilic Focus	
[Hepatocellular Adenoma TGLS = 3+4+5+6-2+2.1]		Hepatocellular Adenoma	Multiple
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]		Ectasia	Moderate
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* 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	Hyperplasia	Focal, Mild
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Kidney	Mineralization	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]		
* Nose	Inflammation	Chronic, Minimal
Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 2-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Moribund

DAY ON TEST: 641
HISTO: 883170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Marked
	[Hepatocellular Adenoma TGLS = 1-2.1]		
* Nose		Inflammation	Chronic, Mild
	Preputial Gland	Cyst	
	[Cyst TGLS = 2-9]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Lymph Node, Mesenteric	* 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
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Mineralization Regeneration	Mild Mild
* Liver [Clear Cell Focus TGLS = 2-2.11]		Clear Cell Focus	
* Nose Preputial Gland [Ectasia TGLS = 1-9]		Inflammation Ectasia	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Marked
	[Ectasia TGLS = 2-9]		
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 3-4+4.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Cyst TGLS = 4-3.1]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Clear Cell Focus TGLS = 2-2]			
[Eosinophilic Focus TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
Tongue		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 5-10]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 8-6.1]	Hyperplasia	Lymphoid, Mild
* Intestine Small, Ileum [Hyperplasia TGLS = 2-6]	Hyperplasia	Lymphoid, Marked
* Kidney [Atrophy TGLS = 7-3]	Atrophy	Focal, Moderate
* Liver [Hepatocellular Adenoma TGLS = 5+6+10-2+2.2] [Hepatocellular Carcinoma TGLS = 3-2.1]	Hepatocellular Adenoma Hepatocellular Carcinoma	
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 1-5]	Lymphoma Malignant Mixed	
* Nose	Inflammation	Chronic, Mild
* Seminal Vesicle [Dilatation TGLS = 9-4]	Dilatation	Marked
* Spleen [Hematopoietic Cell Proliferation TGLS = 11-3]	Hematopoietic Cell Proliferation	Marked
* Urinary Bladder [Hemangioma TGLS = 4-1]	Hemangioma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883068

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 442

DOSE: 1250 PPM

DISP: Moribund

HISTO: 870071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	Eye	Harderian Gland
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Gallbladder		Degeneration	Hyaline, Mild
[Degeneration TGLS = 6-2]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 4-3]			
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 5-2]			
* Lymph Node, Mesenteric		Necrosis	Focal, Minimal
* Pituitary Gland		Congestion	Mild
[Congestion TGLS = 7-7]			
* Skin		Hyperkeratosis	Mild
		Ulcer	Mild
[Ulcer TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Necrosis	Focal, Mild
[Necrosis TGLS = 3-3]			
* Thymus		Necrosis	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 442

DOSE: 1250 PPM

DISP: Moribund

HISTO: 870071

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Kidney	Renal Tubule	Regeneration	Mild
* Liver	Artery	Fibrosis	Mild
		Infarct	Marked
	Artery	Thrombosis	
	[Infarct TGLS = 1-2.1]		
	[Thrombosis TGLS = 2-2.1]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* 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

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-6.1]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
[Regeneration TGLS = 5-3]			
Lymph Node	Iliac	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-9,2-5.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-9,2-5.1]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6+6.1]	Hyperplasia	Lymphoid, Mild
* Kidney [Mineralization TGLS = 4-3]	Mineralization	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-1.1]	Alveolar/Bronchiolar Adenoma	
* Nose	Inflammation	Chronic, Mild
* Seminal Vesicle [Dilatation TGLS = 1-4]	Dilatation	Marked
* Stomach, Forestomach [Acanthosis TGLS = 6-6.1]	Acanthosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-6]			
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 1-3]			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney		Mineralization	Mild
[Mineralization TGLS = 3-3]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-4]			
* Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex [Hyperplasia TGLS = 2-7]	Capsule	Hyperplasia	Marked
* Brain		Mineralization	Moderate
* Kidney [Regeneration TGLS = 4-3]	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
* Lung	Alveolar Epith	Metaplasia	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 1-9]		Cyst	
* Spleen [Depletion Lymphoid TGLS = 3-3]		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Int Sm Jejunum Note: NODULE ON JEJUNUM IS NORMAL PEYERS PATCH TGL 9		
* Intestine Large, Cecum [Hyperplasia TGLS = 6+7-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Marked
* Kidney [Atrophy TGLS = 8-3]	Atrophy Mineralization	Focal, Mild Mild
* Liver [Eosinophilic Focus TGLS = 3-2] [Hepatocellular Adenoma TGLS = 2-2]	Eosinophilic Focus Hepatocellular Adenoma	
* Seminal Vesicle [Dilatation TGLS = 1-4.1]	Dilatation	Marked
* Stomach, Forestomach [Acanthosis TGLS = 5-6]	Acanthosis	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* 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		Hypertrophy	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild

[Regeneration TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-3]			
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
[Hepatocellular Adenoma TGLS = 5+6+8-2+2.1]			
[Hepatocellular Carcinoma TGLS = 2-2.1]			
[Hyperplasia TGLS = 7-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 1-4]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882764

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 459

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Esophagus	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 457

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* 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	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Esophagus	* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Pancreas		Necrosis	Focal, Marked
[Necrosis TGLS = 1-5.1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-6]			
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 4-3]			
* Liver		Clear Cell Focus	
		Fatty Change	Moderate
		Hepatocellular Adenoma	Multiple
[Fatty Change TGLS = 5-2]			
[Hepatocellular Adenoma TGLS = 3+6+7-2+2.1]			
* Lung	Alveolar Epith	Metaplasia	Moderate
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-3]			
* Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882765

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 666

DOSE: 1250 PPM

DISP: Dead

HISTO: 882766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Heart	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

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

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Kidney		Glomerulosclerosis	Marked
	[Glomerulosclerosis TGLS = 1-3]		
* Nose		Inflammation	Chronic, Minimal
* Spleen		Depletion Lymphoid	Moderate
* Thymus		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* 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
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Moderate
* Epididymis		Inflammation	Chronic, Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 2-3]			
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 4-2]			
* Nose		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 588

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-7]			
* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Esophagus			
Note: ESOPHAGEAL MASS BELIEVED TO BE LYMPH NODE.			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 13-6]			
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 16-6]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Degeneration	Marked
[Degeneration TGLS = 15-3]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1+9-9,5-5,4-5+6.1,5+6-5]			
[Lymphoma Malignant Mixed TGLS = 1+9-9,5-5,4-5+6.1,5+6-5]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1+9-9,5-5,4-5+6.1,5+6-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1+9-9,5-5,4-5+6.1,5+6-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 588

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882768

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas [Lymphoma Malignant Mixed TGLS = 12-5+5.1]	Lymphoma Malignant Mixed
* Seminal Vesicle [Lymphoma Malignant Mixed TGLS = 11-4]	Lymphoma Malignant Mixed
* Spleen [Lymphoma Malignant Mixed TGLS = 2+3+10-3]	Lymphoma Malignant Mixed
* Thymus [Lymphoma Malignant Mixed TGLS = 14-5]	Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 629

DOSE: 1250 PPM

DISP: Dead

HISTO: 882769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex		Hyperplasia	Focal, Marked
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Autolysis	Moderate
	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
[Autolysis TGLS = 3-3]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2+4-3+3.1]			
* Stomach, Glandular		Ulcer	Moderate
[Ulcer TGLS = 6-6.1.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* 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	* 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		Hypertrophy	Focal, Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
	[Regeneration TGLS = 3-3]		
* Liver		Clear Cell Focus	
	[Clear Cell Focus TGLS = 2-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 728
DOSE: 1250 PPM **DISP:** Terminal Sacrifice **HISTO:** 882771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Islets, Pancreatic	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex [Hyperplasia TGLS = 3-7]	Capsule	Hyperplasia	Marked
* Epididymis		Inflammation	Granulomatous, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney [Mineralization TGLS = 9-3]		Mineralization	Mild
* Liver [Hepatocellular Adenoma TGLS = 6+10-2]		Hepatocellular Adenoma	Multiple
* Lung		Inflammation	Granulomatous, Marked
* Lymph Node, Mesenteric [Inflammation TGLS = 5-5]		Inflammation	Granulomatous, Marked
Mesentery [Inflammation TGLS = 2-10]		Inflammation	Granulomatous, Marked
* Pancreas Note: PANCREATIC LN AND ISLETS NOT SEEN IN LESION.		Inflammation	Granulomatous, Marked
Preputial Gland [Cyst TGLS = 1-9]		Cyst	
* Prostate		Inflammation	Granulomatous, Marked
* Seminal Vesicle		Inflammation	Granulomatous, Minimal
* Skin [Inflammation TGLS = 8-3]		Inflammation	Granulomatous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882771

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 7-3]	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Inflammation	Granulomatous, Mild
* Stomach, Glandular	Inflammation	Granulomatous, Mild
* Urinary Bladder	Inflammation	Granulomatous, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 459

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular	* Mammary Gland	* Prostate
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Kidney		Inflammation	Chronic, Focal, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Stomach, Glandular		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Brain
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Islets, Pancreatic	* Mammary Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Mixed	
* Bone Marrow		Lymphoma Malignant Mixed	
* Epididymis		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 14-4]			
* Gallbladder		Lymphoma Malignant Mixed	
* Heart		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-2]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 17-6.1]			
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-3]			
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6+7-2]		Necrosis	Focal, Moderate
[Necrosis TGLS = 15-2]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-10,2-5.1,4-9,8-5,16-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882772

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 3-10,2-5.1,4-9,8-5,16-5]	
[Lymphoma Malignant Mixed TGLS = 3-10,2-5.1,4-9,8-5,16-5]	
* Lymph Node, Mandibular	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 3-10,2-5.1,4-9,8-5,16-5]	
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 3-10,2-5.1,4-9,8-5,16-5]	
* Pancreas	Lymphoma Malignant Lymphocytic
* Prostate	Lymphoma Malignant Mixed
* Salivary Glands	Lymphoma Malignant Mixed
* Seminal Vesicle	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 13-4]	
* Skin	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 11-3]	
* Spleen	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 1-3.1]	
* Thymus	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 12-5]	
* Urinary Bladder	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 10-1]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 457

DOSE: 1250 PPM

DISP: Moribund

HISTO: 870072

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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex [Congestion TGLS = 8-7]	Congestion	Mild
* Kidney [Congestion TGLS = 9-3]	Congestion	Mild
* Liver [Congestion TGLS = 10-2]	Congestion	Mild
* Lung [Congestion TGLS = 11-1]	Congestion	Mild
* Lymph Node, Mesenteric	Necrosis	Focal, Mild
* Nose	Metaplasia	Squamous, Mild
* Pancreas [Congestion TGLS = 6-5]	Congestion	Mild
Preputial Gland [Cyst TGLS = 4-9]	Cyst	
* Skin [Congestion TGLS = 1-9+2-9]	Congestion	Mild
* Spleen [Necrosis TGLS = 5-3]	Necrosis	Focal, Mild
* Stomach, Glandular [Necrosis TGLS = 7-3]	Necrosis	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 457

DOSE: 1250 PPM

DISP: Moribund

HISTO: 870072

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 459

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* 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	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

* Adrenal Medulla	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Focal, Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Fatty Change TGLS = 2-2]		
	[Hepatocellular Carcinoma TGLS = 1-2.1]		
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 4-6+6.1]		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney [Regeneration TGLS = 1-3]	Renal Tubule	Mineralization Regeneration	Mild Mild
* Nose		Inflammation	Chronic, Mild
* Stomach, Forestomach [Acanthosis TGLS = 3-6.1]		Acanthosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 459

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Bone Marrow	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Kidney		Mineralization	Focal, Minimal
	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Prostate		Inflammation	Chronic, Focal, Minimal
* Seminal Vesicle		Congestion	Minimal
		Inflammation	Chronic, Focal, Minimal

[Congestion TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hypertrophy	Focal, Marked
* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Mineralization Regeneration	Mild Mild
[Regeneration TGLS = 6-3]			
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 9-2]			
* Lung		Alveolar/Bronchiolar Adenoma	Two
[Alveolar/Bronchiolar Adenoma TGLS = 8-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	Two
[Cyst TGLS = 1-9]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2+10-4]			
* Spleen		Developmental Malformation	
[Developmental Malformation TGLS = 4-3.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882774

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular
[Diverticulum TGLS = 5-6.1]

Diverticulum

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Nose	* Parathyroid Gland
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OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 5-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Kidney [Cyst TGLS = 1-3] [Mineralization TGLS = 3-3]	Cyst Mineralization	Mild
* Liver [Hepatocellular Adenoma TGLS = 2-2]	Hepatocellular Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Rectum	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Crystals	Minimal
	[Dilatation TGLS = 5-3]	Dilatation	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2.1,2-2]	Sarcoma	
	[Sarcoma TGLS = 4-2.1]		
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
	[Hepatocellular Carcinoma TGLS = 3-1]	Sarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Seminal Vesicle		Atrophy	Mild
	[Atrophy TGLS = 7-4]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 6-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882776

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 457

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
		Necrosis	Focal, Mild
[Fatty Change TGLS = 1-2]			
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 2-3]			
* Nose		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Cyst	
[Cyst TGLS = 4-9]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 459

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* 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
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Esophagus	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Kidney		Mineralization	Focal, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 7-6]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 5-3]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-3]			
* Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882778

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 725

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* 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

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma Hyperplasia	Marked
Note: HYPERPLASIA IS SUBCAPSULAR.			
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Atrophy	Moderate
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Mild
	[Regeneration TGLS = 3-3]		
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Fatty Change TGLS = 2-2]		
	[Hepatocellular Adenoma TGLS = 6-2]		
Lym Node Media			
Note: MEDIASTINAL LN NOT IDENTIFIED IN THYMUS MASS			
* Thymus		Lymphoma Malignant Lymphocytic	
Note: LUNG AND LN THEY ARE BELIEVED TO BE IN THYMUS			
Note: TGL 1 AND 5 ARE LESIONS GROSSLY ASSIGNED TO			
	[Lymphoma Malignant Lymphocytic TGLS = 1+5-5.1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 725

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882779

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* 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

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6]		Hyperplasia	Lymphoid, Marked
* Kidney	Renal Tubule	Mineralization	Mild
[Regeneration TGLS = 4-3]		Regeneration	Mild
Preputial Gland [Cyst TGLS = 1-9]		Cyst	
* Spleen		Congestion	Moderate
[Congestion TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157	TRT#: 5 DOSE: 1250 PPM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 457 HISTO: 871573
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* 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

* Brain		Mineralization	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-6]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 4-9]			
* Spleen		Congestion	Moderate
[Congestion TGLS = 1-3]			
* Stomach, Glandular		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* 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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 3-9]	Adenoma	
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney [Atrophy TGLS = 2-3] [Inflammation TGLS = 4-3]	Atrophy Inflammation	Focal, Moderate Acute, Focal, Moderate
Preputial Gland [Ectasia TGLS = 6-10]	Ectasia	Marked
* Seminal Vesicle [Dilatation TGLS = 1-4]	Dilatation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 459

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain	Mineralization	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Inflammation	Chronic, Focal, Minimal
* Liver	Fatty Change	Mild
[Fatty Change TGLS = 3-2]		
* Nose	Inflammation	Chronic, Focal, Mild
Preputial Gland	Cyst	
	Ectasia	Moderate
[Cyst TGLS = 2-9]		
[Ectasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 457

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Brain	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Focal, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Minimal
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-9]			
* Prostate		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 162	TRT#: 5 DOSE: 1250 PPM	SEX: Male DISP: Dead	DAY ON TEST: 720 HISTO: 883072
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Heart	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Spleen	* Thymus	

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* 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	* Pancreas
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain	Mineralization	Mild
* Lung	Hemorrhage	Marked
[Hemorrhage TGLS = 2-1]		
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* 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	Hyperplasia	Focal, Moderate
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Kidney [Mineralization TGLS = 2-3]	Mineralization	Minimal
* Liver Note: NO FOCUS SEEN IN LIVER SLIDE OR RECUT TGL 3		
* Nose	Inflammation	Chronic, Mild
* Spleen [Congestion TGLS = 1-3]	Congestion	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 1-3]			
Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 3-3]			
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 1-9]			
* Seminal Vesicle		Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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		Hyperplasia	Focal, Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6+6.1]		Hyperplasia	Lymphoid, Marked
* Kidney [Regeneration TGLS = 3-3]	Renal Tubule	Mineralization Regeneration	Mild Mild
* Liver [Hepatocellular Carcinoma TGLS = 1-2.1]		Hepatocellular Carcinoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose Preputial Gland [Ectasia TGLS = 5-9]		Inflammation Ectasia	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* 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

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
	[Regeneration TGLS = 3-3]		
* Lymph Node, Mesenteric		Congestion	Minimal
	[Congestion TGLS = 2-5]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 1-9]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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	* Lymph Node, Mesenteric	* 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

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Cyst	
	[Dilatation TGLS = 4-3]	Dilatation	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-9]		
* Spleen		Congestion	Moderate
	[Congestion TGLS = 3-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 403

DOSE: 1250 PPM

DISP: Dead

HISTO: 871605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Mammary Gland	Preputial Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Stomach, Glandular	* Urinary Bladder
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OBSERVATIONS

* Kidney		
Note: COLOR CHANGE TGL 3 DUE TO POSTMORTEM AUTOLYSIS		
* Liver	Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Focal, Mild
[Hepatocellular Adenoma TGLS = 4-2] [Hepatocellular Carcinoma TGLS = 5-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial GI		
Note: TISSUE SUBMITTED AS PREPUTIAL GLAND IS PROSTATE		
* Spleen	Depletion Lymphoid	Mild
[Depletion Lymphoid TGLS = 2-3]		
* Thymus	Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood	* 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
* 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

* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 5-6]	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Marked
* Kidney [Nephropathy TGLS = 2-3]	Nephropathy	Moderate
* Liver [Hepatocellular Adenoma TGLS = 3-2.1]	Hepatocellular Adenoma	
* Nose Preputial Gland [Ectasia TGLS = 1-9]	Inflammation Ectasia	Chronic, Mild Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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		Hyperplasia	Focal, Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-6.1]			
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 1-3]			
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 5-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* 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, Marked
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-6+6.1]			
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 2-3]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 613

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone [Sarcoma TGLS = 8-8.1+9]	Sarcoma	Metastatic (Uncertain Primary Site)
* Gallbladder [Dilatation TGLS = 4-2]	Dilatation	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 12-6.1]	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney Note: NO LESION SEEN TO ACCOUNT FOR GRANULARITY TGL 9		
* Liver [Hepatocellular Carcinoma TGLS = 5-2.1] [Sarcoma TGLS = 11-2.1]	Hepatocellular Carcinoma Sarcoma	Metastatic (Uncertain Primary Site)
* Lung	Sarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric [Sarcoma TGLS = 2-5]	Sarcoma	Metastatic (Uncertain Primary Site)
* Nose	Inflammation	Chronic, Mild
* Pancreas [Sarcoma TGLS = 10-5]	Sarcoma	Metastatic (Uncertain Primary Site)
Preputial Gland	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 613

DOSE: 1250 PPM

DISP: Moribund

HISTO: 882792

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-10]

Skel Muscle

Note: TISSUE SUBMITTED FOR TGL 6 IS PANCREAS W. SARCOMA

* Spleen

Hematopoietic Cell Proliferation

Marked

[Hematopoietic Cell Proliferation TGLS = 7-3]

* Stomach, Forestomach

Sarcoma

Metastatic (Uncertain Primary Site)

[Sarcoma TGLS = 13-6.1]

PRIMARY CAUSE OF DEATH

-

Animal Note: ONE ADRENAL REPLACED BY SARCOMA TGL 3-7 OTHER NORMAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* 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		Hyperplasia	Focal, Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Mineralization	Minimal
	[Regeneration TGLS = 3-3]	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5]		
Preputial Gland		Cyst	
	[Cyst TGLS = 1-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 5

SEX: Male

DAY ON TEST: 725

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Minimal
[Regeneration TGLS = 3-3]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]		Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176

TRT#: 5

SEX: Male

DAY ON TEST: 725

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 9-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
[Mineralization TGLS = 7-3]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2+5-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3+4-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 8-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 177	TRT#: 5	SEX: Male	DAY ON TEST: 725
	DOSE: 1250 PPM	DISP: Terminal Sacrifice	HISTO: 882796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* 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	* 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

* Heart	Hemangioma	
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Kidney	Atrophy	Focal, Mild
* Nose	Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 1-9]	Cyst	
* Spleen [Depletion Lymphoid TGLS = 2-3]	Depletion Lymphoid	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 5

SEX: Male

DAY ON TEST: 725

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mesenteric
* 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	Capsule	Adenoma	
		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Regeneration	Minimal
[Regeneration TGLS = 2-3]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 4-2]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 2-3]			
* Liver		Eosinophilic Focus	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 882799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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 Note: HYPERPLASIA IS SUBCAPSULAR.		Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney [Regeneration TGLS = 2-3]	Renal Tubule	Mineralization	Minimal
		Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
* Spleen [Hemangiosarcoma TGLS = 1-3]		Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 181	TRT#: 7	SEX: Male	DAY ON TEST: 725
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: 882632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

* Esophagus	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Metaplasia	Moderate
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 457

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Prostate		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* 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
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Brain		Mineralization	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Necrosis	Focal, Mild
[Necrosis TGLS = 4-2]			
* Mammary Gland			
Note: MAMMARY NODULE IS NORMAL SC LYMPH NODE			
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 2-9]			
* Spleen		Depletion Lymphoid	Mild
[Depletion Lymphoid TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	Tissue NOS	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-3]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-4]			
* Thyroid Gland	Follicle	Cyst	
Tissue NOS			

Note: TGL 4 TISSUE NOS IS NORMAL FAT. NO LESION SEEN.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Cyst	
	Renal Tubule	Regeneration	Mild
* Liver		Hemorrhage	Mild
		Hepatocellular Adenoma	
	[Hemorrhage TGLS = 2-2.2]		
	[Hepatocellular Adenoma TGLS = 1-2+2.1]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 720

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex Note: HYPERPLASIA IS SUBCAPSULAR.	Hyperplasia	Moderate
* Adrenal Medulla [Hemorrhage TGLS = 4-7]	Hemorrhage	Marked
* Brain	Mineralization	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney [Nephropathy TGLS = 5-3]	Crystals Nephropathy	Moderate Marked
* Liver [Hepatocellular Adenoma TGLS = 7-2.1]	Hepatocellular Adenoma	
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
* Nose	Inflammation	Chronic, Mild
* Pituitary Gland [Congestion TGLS = 6-7]	Congestion	Moderate
Preputial Gland [Cyst TGLS = 2-9]	Cyst	
* Spleen [Depletion Lymphoid TGLS = 3-3]	Depletion Lymphoid	Moderate
* Thymus	Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 720

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882635

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6.1]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 3-10]			
[Ectasia TGLS = 4-10]			
* Skin		Fibroma	
[Fibroma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 659

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* 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
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Kidney		Crystals	Mild
		Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-3]			
* Lung	Alveolar Epith	Metaplasia	Mild
* Lymph Node, Mesenteric		Congestion	Moderate
[Congestion TGLS = 2-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 483

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

Blood	Neutrophilia	
* Bone Marrow	Hyperplasia	Neutrophil, Moderate
* Brain	Mineralization	Minimal
* Gallbladder	Dilatation	Moderate
[Dilatation TGLS = 4-2]		
* Intestine Large, Rectum	Parasite Metazoan	Marked
* Kidney	Mineralization	Mild
	Nephropathy	Moderate
* Liver	Clear Cell Focus	
[Clear Cell Focus TGLS = 3-2]	Fatty Change	Mild
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-9]		
* Spleen	Depletion Lymphoid	Moderate
[Depletion Lymphoid TGLS = 2-3]		
* Stomach, Forestomach	Acanthosis	Moderate
[Acanthosis TGLS = 7-6.1]		
* Thymus	Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 483

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882638

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 567

DOSE: 2500 PPM

DISP: Dead

HISTO: 882639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Rectum	* Islets, Pancreatic	* Liver	* Lung
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

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

* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

* Brain	Mineralization	Mild
* Heart	Dilatation	Marked
[Dilatation TGLS = 3-2]		
* Kidney	Crystals	Mild
	Mineralization	Minimal
	Nephropathy	Marked
[Nephropathy TGLS = 1-3]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Depletion Lymphoid	Moderate
* Thymus	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 627

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.1]	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic [Hyperplasia TGLS = 3-5]	Hyperplasia	Marked
* Kidney [Nephropathy TGLS = 1-3]	Crystals Mineralization Nephropathy	Mild Minimal Marked
* Nose Preputial Gland [Ectasia TGLS = 4-9]	Inflammation Ectasia	Chronic, Mild Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	* Bone	* Bone Marrow	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 1-2]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

* Intestine Small, Ileum	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	Two
[Alveolar/Bronchiolar Adenoma TGLS = 1+2-1]			
Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 664

DOSE: 2500 PPM

DISP: Dead

HISTO: 882643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Islets, Pancreatic
* Liver	* Lung	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	

MISSING

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

* Bone Marrow	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

Harderian Gland Note: HARDERIAN GLAND TOO AUTOLYZED FOR DIAGNOSIS TGL 2			
* Kidney		Crystals Mineralization Nephropathy Inflammation Cyst	Mild Minimal Marked Chronic, Mild
* Nose Preputial Gland [Cyst TGLS = 1-10]			
* Spleen		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Jejunum	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Congestion	Mild
		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-5]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* 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

* Brain	Mineralization	Moderate
* Kidney	Crystals	Mild
	Cyst	
	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	Two
[Cyst TGLS = 1-9]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex Note: HYPERPLASIA IS SUBCAPSULAR.	Hyperplasia	Moderate
* Kidney	Mineralization	Minimal
* Nose	Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 3-9]	Cyst Ectasia	Marked
* Seminal Vesicle [Fibrosis TGLS = 1-4]	Fibrosis	Mild
* Thymus [Lymphoma Malignant Lymphocytic TGLS = 2-5]	Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Crystals	Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-3]			
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 6-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Metaplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]			
[Metaplasia TGLS = 5-1.1+1]			
Preputial Gland		Cyst	Two
[Cyst TGLS = 1-9]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 494

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain	Mineralization	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Crystals	Mild
	Mineralization	Minimal
	Nephropathy	Marked
[Nephropathy TGLS = 2-3]		
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	Two
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 202

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* 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

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6.1]			
* Kidney		Crystals	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 399

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Pituitary Gland	* Prostate
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain	Mineralization	Mild
* Liver	Nuclear Alteration	Moderate
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-1+1.1]		
* Lymph Node, Mesenteric	Depletion Lymphoid	Mild
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 2-9,3-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* 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	* 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 Note: HYPERPLASIA IS SUBCAPSULAR.		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver [Hemangiosarcoma TGLS = 1+2-2]		Hemangiosarcoma	
* Nose Preputial Gland [Ectasia TGLS = 3-9]		Inflammation	Chronic, Mild
		Ectasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Bone Marrow	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6.1]	Hyperplasia	Lymphoid, Marked
* Kidney [Nephropathy TGLS = 1-3]	Crystals Nephropathy	Minimal Marked
* Nose	Inflammation	Chronic, Moderate
* Stomach, Forestomach	Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 3 IS ARTIFACT. NO LESION SEEN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 207

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Mild
* Lung	Alveolar Epith	Metaplasia	Marked
Preputial Gland		Cyst	Two
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 457

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Fatty Change TGLS = 4-2]		
	[Hepatocellular Adenoma TGLS = 3-2]		
* Nose		Inflammation	Chronic, Focal, Mild
		Inflammation	Acute, Focal, Minimal
		Cyst	
Preputial Gland			
	[Cyst TGLS = 1-9]		
* Prostate		Hemorrhage	Focal, Mild
	[Hemorrhage TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871536

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	* Kidney	* Lung
* Lymph Node, Mesenteric	* 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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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex [Atrophy TGLS = 1-7]		Atrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-2.1]		Hepatocellular Adenoma	
Mesentery [Necrosis TGLS = 3-10]	Fat	Necrosis	Moderate
* Nose Preputial Gland [Cyst TGLS = 4-9]		Inflammation Cyst	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]	Hyperplasia	Lymphoid, Moderate
* Kidney	Mineralization	Minimal
* Liver [Hemorrhage TGLS = 5-2.1] [Hepatocellular Adenoma TGLS = 3-2]	Hemorrhage Hepatocellular Adenoma	Minimal
* Nose Preputial Gland [Cyst TGLS = 2-9]	Inflammation Cyst	Chronic, Mild Two
* Skin [Fibrosarcoma TGLS = 1-10]	Fibrosarcoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Heart	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus	* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 1-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Nose Preputial Gland [Cyst TGLS = 2-9]	Inflammation Cyst	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Liver	* 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

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 4-9]			
* Spleen			
Note: NO DEFORMITY SEEN IN SPLEEN TGL 1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Crystals	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 3-2]			
* Nose		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 605

DOSE: 2500 PPM

DISP: Dead

HISTO: 882658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Brain	Mineralization	Mild
* Kidney	Crystals	Mild
	Mineralization	Minimal
	Nephropathy	Marked
[Nephropathy TGLS = 2-3]		
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
* Nose	Inflammation	Chronic, Minimal
* Spleen	Depletion Lymphoid	Marked
[Depletion Lymphoid TGLS = 1-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* 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		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Minimal
* Intestine Small, Jejunum		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mesenteric	* 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	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Minimal
[Hepatocellular Carcinoma TGLS = 2-2.1]			
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 457

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Focal, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 3-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
* Nose		Inflammation	Chronic, Focal, Mild
* Skin	Subcut Tiss	Necrosis	Moderate
[Necrosis TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* 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

* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 1-9]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* 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

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Mild
* Heart	Valve	Pigmentation	Mild
* Kidney		Crystals	Moderate
		Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1.1]		
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 457

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Moderate
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 23

DOSE: 2500 PPM

DISP: Moribund

HISTO: 860452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Lymph Node, Mesenteric	Necrosis	Focal, Moderate
Preputial Gland	Ectasia	Moderate
* Skin	Edema	Moderate
	Inflammation	Chronic Active, Moderate
[Edema TGLS = 5-9]		
* Stomach, Glandular	Mineralization	Minimal
* Thymus	Necrosis	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Kidney	Renal Tubule	Mineralization Regeneration Fatty Change Inflammation Cyst	Focal, Minimal Minimal Minimal Chronic, Focal, Mild
* Liver			
* Nose			
Preputial Gland			
[Cyst TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Kidney		Crystals	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: TUMOR SEEN INSIDE BLOOD VESSELS			
[Alveolar/Bronchiolar Carcinoma TGLS = 5-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 3-9]			
* Skin		Hemangioma	
[Hemangioma TGLS = 1-3]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4+6-3.1]			
Tissue NOS		Hemangiosarcoma	Metastatic (Uncertain Primary Site)
[Hemangiosarcoma TGLS = 2-5.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 224

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Neutrophil, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Crystals	Minimal
	Inflammation	Chronic, Marked
	Mineralization	Minimal
	Nephropathy	Moderate
[Inflammation TGLS = 2-3.1]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-1.1]		
* Nose	Inflammation	Chronic, Mild
* Prostate	Cyst	

Note: CYST RESEMBLES SPERMATOCELE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* 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

* Esophagus	* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 2-2]			
Preputial Gland		Cyst	
		Ectasia	Mild
[Cyst TGLS = 1-9]			
[Ectasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 675

DOSE: 2500 PPM

DISP: Dead

HISTO: 882665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Lung
* Pituitary Gland
* Skin
* Thyroid Gland

* Adrenal Medulla
* Esophagus
* Nose
* Prostate
* Spleen
* Trachea

* Bone
* Heart
* Pancreas
* Salivary Glands
* Stomach, Forestomach

* Bone Marrow
* Intestine Large, Rectum
* Parathyroid Gland
* Seminal Vesicle
* Testes

MISSING

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Mammary Gland

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Ileum

* Intestine Large, Cecum
* Intestine Small, Jejunum

* Intestine Large, Colon
* Stomach, Glandular

* Intestine Small, Duodenum
* Urinary Bladder

OBSERVATIONS

* Brain
* Islets, Pancreatic
* Kidney

Mineralization
Hyperplasia
Crystals
Nephropathy

Minimal
Mild
Moderate
Marked

[Nephropathy TGLS = 1-3]

* Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Lymph Node, Mesenteric	* 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

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Ectasia	Marked
[Cyst TGLS = 1-9]			
[Ectasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* 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

* Brain		Mineralization	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	Two
	[Cyst TGLS = 1-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 229

TRT#: 7

SEX: Male

DAY ON TEST: 602

DOSE: 2500 PPM

DISP: Dead

HISTO: 882668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Intestine Large, Cecum [Hyperplasia TGLS = 3-6]	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney [Nephropathy TGLS = 1-3]	Crystals	Marked
	Mineralization	Minimal
	Nephropathy	Marked
* Nose	Inflammation	Chronic, Mild
* Skin	Pigmentation	Mild
* Spleen	Depletion Lymphoid	Mild
* Thymus	Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 230	TRT#: 7 DOSE: 2500 PPM	SEX: Male DISP: Dead	DAY ON TEST: 261 HISTO: 871607
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Gallbladder	* Skin
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OBSERVATIONS

* Adrenal Cortex [Congestion TGLS = 1-7]	Congestion	Minimal
* Kidney Note: DARK COLOR IS POSTMORTEM CHANGE TGL 2		
* Liver Note: MOTTLING IS POSTMORTEM CHANGE TGL 2		
* Nose	Inflammation	Chronic, Mild
* Spleen	Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 231

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* 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		Cyst	
* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Epididymis		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 5-4.1]			
* Islets, Pancreatic		Hypoplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
* Lung		Inflammation	Granulomatous, Minimal
[Inflammation TGLS = 4-1]			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 6-5]			
Mesentery		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 2-10]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	Two
[Cyst TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 231

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882677

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 469

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

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

Blood	Neutrophilia	Marked
Note: MANY BACTERIA IN BLOOD STREAM.		
* Bone Marrow	Hyperplasia	Neutrophil, Marked
* Brain	Mineralization	Minimal
* Intestine Large, Colon	Parasite Metazoan	Marked
* Islets, Pancreatic	Hyperplasia	Marked
[Hyperplasia TGLS = 3-5]		
* Kidney	Mineralization	Minimal
* Liver	Fatty Change	Moderate
Penis	Inflammation	Acute, Marked
Note: ULCER ALSO PRESENT. TERM NOT IN LIST.		
[Inflammation TGLS = 1-10]		
Preputial Gland	Cyst	
[Cyst TGLS = 2-9]		
* Spleen	Depletion Lymphoid	Mild
* Stomach, Forestomach	Ulcer	Marked
[Ulcer TGLS = 5-6+6.1]		
* Thymus	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 626

DOSE: 2500 PPM

DISP: Dead

HISTO: 882671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Liver
* Lung	* 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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-9]	Adenoma	
* Heart	Cardiomyopathy	Mild
* Islets, Pancreatic [Adenoma TGLS = 5-5]	Adenoma	
* Kidney [Nephropathy TGLS = 1-3]	Crystals Nephropathy	Moderate Marked
* Liver Note: LIVER POORLY PRESERVED. NO FOCUS SLIDE OR RECUT TGL 4.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 234	TRT#: 7	SEX: Male	DAY ON TEST: 605
	DOSE: 2500 PPM	DISP: Moribund	HISTO: 882672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Stomach, Forestomach
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OBSERVATIONS

* Brain	Mineralization	Mild
* Kidney	Crystals	Mild
	Nephropathy	Mild
[Nephropathy TGLS = 6-3]		
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2.1]		
* Lung	Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Note: TUMOR SEEN FREE IN VENTRICLE OF HEART		
[Hepatocellular Carcinoma TGLS = 2-1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 4-9]		
* Spleen	Hemangioma	
	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 235

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Brain	Mineralization	Moderate
* Epididymis	Sarcoma	
[Sarcoma TGLS = 3-4.1]		
Harderian Gland	Adenoma	
[Adenoma TGLS = 1-9]		
* Kidney	Mineralization	Mild
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2.1,7-2.2]	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 2-10]	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 235

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882673

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 236	TRT#: 7	SEX: Male	DAY ON TEST: 631
	DOSE: 2500 PPM	DISP: Moribund	HISTO: 882674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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, 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

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain	Mineralization	Mild
* Kidney	Crystals	Moderate
	Nephropathy	Marked

[Nephropathy TGLS = 1-3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 237	TRT#: 7 DOSE: 2500 PPM	SEX: Male DISP: Dead	DAY ON TEST: 518 HISTO: 882675
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Liver	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

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

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

OBSERVATIONS

* Brain	Mineralization	Moderate
* Islets, Pancreatic [Hyperplasia TGLS = 2-5]	Hyperplasia	Marked
* Kidney [Nephropathy TGLS = 1-3]	Crystals Nephropathy	Marked Moderate
* Nose	Inflammation	Chronic, Mild
* Spleen	Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 238

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2.1]		
* Lung		Inflammation	Chronic, Focal, Mild
	[Inflammation TGLS = 3-1.1]		
* Nose		Inflammation	Chronic, Mild
* Spleen			

Note: NO LESION SEEN IN ORIGINAL SLIDE OR RECUT TGL 1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Heart	Hemangioma	
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Crystals	Minimal
	Mineralization	Minimal
	Nephropathy	Moderate
[Nephropathy TGLS = 1-3]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	Two
[Cyst TGLS = 3-9]		
* Spleen	Angiectasis	Marked
[Angiectasis TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* 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	* 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

* Brain		Mineralization	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 257

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO: 882680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.2]		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver [Hepatocellular Adenoma TGLS = 4-2]		Hepatocellular Adenoma	
* Nose		Inflammation	Chronic, Mild
* Ovary [Cyst TGLS = 1-4]		Cyst	
* Stomach, Glandular [Diverticulum TGLS = 3-6.1]		Diverticulum	Moderate
* Uterus [Hyperplasia TGLS = 2-4]	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 1-2.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 259

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO: 882682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6.1]		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Stomach, Forestomach [Bulla TGLS = 3-6.2]		Bulla	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus [Hyperplasia TGLS = 1-4]	Endometrium	Dilatation Hyperplasia	Moderate Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 260

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 PPM

DISP: Interval Sacrifice

HISTO: 871551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Gallbladder		Inflammation	Chronic, Focal, Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 261

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Interval Sacrifice

DAY ON TEST: 464
HISTO: 871550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Liver	Granuloma	Minimal
* Nose	Inflammation	Chronic, Focal, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 262

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO: 882683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-2.1+2.11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Mild
* Pancreas		Congestion	Moderate
[Congestion TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus	Myometrium	Inflammation	Chronic, Focal, Moderate
[Inflammation TGLS = 5-4.1]		Polyp Stromal	
[Polyp Stromal TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 1-2.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 264

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 722
HISTO: 882685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Edema	Marked
	Hyperplasia	Lymphoid, Moderate
* Kidney	Histiocytic Sarcoma	Metastatic (Liver)
[Histiocytic Sarcoma TGLS = 3-3]		
* Liver	Histiocytic Sarcoma	Metastatic (Liver)
	Necrosis	Focal, Moderate
[Histiocytic Sarcoma TGLS = 4+5-2]		
[Necrosis TGLS = 8-2.2]		
* Lung	Histiocytic Sarcoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Histiocytic Sarcoma	Metastatic (Liver)
* Nose	Inflammation	Chronic, Mild
* Ovary	Cyst	
[Cyst TGLS = 1-4.1]		
* Pancreas	Histiocytic Sarcoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Erosion	Moderate
[Erosion TGLS = 7-6.1]		
* Uterus	Histiocytic Sarcoma	Metastatic (Liver)
[Histiocytic Sarcoma TGLS = 2-4.2]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 264

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 722
HISTO: 882685

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 266

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO: 882687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Heart	* 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	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mineralization	Focal, Minimal
[Hepatocellular Adenoma TGLS = 2+3+4+5-2+2.1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 267

TRT#: 2

SEX: Female

DAY ON TEST: 692

DOSE: 0 PPM

DISP: Moribund

HISTO: 882688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Heart	Ventricle	Hypertrophy	Moderate
[Hypertrophy TGLS = 1-2.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Moderate
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Intestine Small, Ileum	Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum	Hyperplasia	Lymphoid, Moderate
* Kidney [Atrophy TGLS = 3-3]	Atrophy	Focal, Marked
* Liver [Hemangiosarcoma TGLS = 4-2]	Hemangiosarcoma	
* Nose	Inflammation	Chronic, Mild
* Ovary [Cyst TGLS = 1-4.1]	Cyst	
* Uterus [Dilatation TGLS = 2-4]	Dilatation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 269

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Angiectasis	Marked
		Hyperplasia	Cystic, Moderate
		Thrombosis	
[Angiectasis TGLS = 2-4]			
[Thrombosis TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 270

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 605
HISTO: 882691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Ovary

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Moderate
	[Hepatocellular Adenoma TGLS = 4-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-9+9.1]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3]		
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Mild
	[Dilatation TGLS = 3-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 271	TRT#: 2	SEX: Female	DAY ON TEST: 738
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* 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
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Heart	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Uterus		Angiectasis	Moderate
[Angiectasis TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* 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	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Eosinophilic Focus	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Dilatation	Mild
	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Mammary Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Bone Marrow	Myelofibrosis	Moderate
* Brain	Mineralization	Moderate
* Intestine Large, Cecum	Lymphoma Malignant Mixed	
* Intestine Small, Jejunum	Lymphoma Malignant Mixed	
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Lymphoma Malignant Mixed	
* Liver	Lymphoma Malignant Mixed	
* Lymph Node, Mandibular	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
* Nose	Inflammation	Chronic, Mild
* Ovary	Cyst	
[Cyst TGLS = 2-4]		
* Pancreas	Lymphoma Malignant Mixed	
* Salivary Glands	Lymphoma Malignant Mixed	
* Spleen	Lymphoma Malignant Mixed	
* Uterus	Dilatation	Marked
[Dilatation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 275

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Heart	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Atrophy	Focal, Mild
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 277

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Dead

DAY ON TEST: 665
HISTO: 882698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Liver		Fatty Change	Moderate
* Nose		Inflammation	Chronic, Mild
Tongue		Necrosis	Focal, Minimal
[Necrosis TGLS = 2-9]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 1 NOT SEEN BECAUSE OF AUTOLYSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 278

TRT#: 2

SEX: Female

DAY ON TEST: 675

DOSE: 0 PPM

DISP: Moribund

HISTO: 882699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood	* Bone	* Brain
* Esophagus	* Heart	* Islets, Pancreatic	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Malignant TGLS = 3-7]		Pheochromocytoma Malignant
* Bone Marrow		Lymphoma Malignant Mixed
* Gallbladder		Lymphoma Malignant Mixed
* Intestine Large, Cecum [Lymphoma Malignant Mixed TGLS = 12+15-6.2,14-6.1]		Lymphoma Malignant Mixed
* Intestine Large, Colon [Lymphoma Malignant Mixed TGLS = 12+15-6.2,14-6.1]		Lymphoma Malignant Mixed
* Intestine Large, Rectum [Lymphoma Malignant Mixed TGLS = 12+15-6.2,14-6.1]		Lymphoma Malignant Mixed
* Intestine Small, Duodenum [Lymphoma Malignant Mixed TGLS = 13-6.3]		Lymphoma Malignant Mixed
* Intestine Small, Ileum [Lymphoma Malignant Mixed TGLS = 13-6.3]		Lymphoma Malignant Mixed
* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 13-6.3]		Lymphoma Malignant Mixed
* Kidney [Lymphoma Malignant Mixed TGLS = 5+6-3.1+3.2]		Lymphoma Malignant Mixed
* Liver [Lymphoma Malignant Mixed TGLS = 7-2]		Lymphoma Malignant Mixed
* Lung [Lymphoma Malignant Mixed TGLS = 10-1]		Lymphoma Malignant Mixed
Lymph Node	Mediastinal	Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 278

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 675
HISTO: 882699

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 8-5,1-5,4-5.1]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-5,1-5,4-5.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-5,1-5,4-5.1]			
* Mammary Gland		Ectasia	Moderate
[Ectasia TGLS = 11-3]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Lymphoma Malignant Mixed	
* Pancreas	Acinus	Atrophy	Marked
		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Stomach, Glandular		Lymphoma Malignant Mixed	
* Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-5]			
* Thyroid Gland		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 279

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Intestine Small, Duodenum		Hyperplasia	Lymphoid, Marked
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-3]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hemorrhage TGLS = 3-4]			
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Minimal
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach		Abscess	Moderate
[Abscess TGLS = 4-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 281

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Interval Sacrifice

DAY ON TEST: 462
HISTO: 871552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
Blood		Neutrophilia	Marked
* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6.1]			
* Kidney		Glomerulosclerosis	Moderate
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-2.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5.1]			
* Nose		Inflammation	Chronic, Mild
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 1-3]			
* Thyroid Gland		Atrophy	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 282

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO: 882702

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 283

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
Clitoral Gland		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 1-9]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 6-2]			
Lymph Node	Mediastinal	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 5-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Congestion	Moderate
[Congestion TGLS = 2-4.1]			
* Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 3-3]			
* Thymus		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-5.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 285

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 541
HISTO: 882705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 2-9]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-6+6.1]			
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Nose		Inflammation	Chronic, Moderate
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			
* Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 287

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-6.1]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2.1,3+4-2]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hemorrhage TGLS = 6-4.1]			
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 288

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-2.1]			
[Hepatocellular Carcinoma TGLS = 1-2.1]			
* Nose		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Angiectasis TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 289

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Jejunum	* Nose
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OBSERVATIONS

* Adrenal Cortex		Adenoma	Two
* Bone Marrow		Hyperplasia	Neutrophil, Mild
		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Fatty Change	Mild
		Necrosis	Focal, Marked
[Fatty Change TGLS = 5-2]			
[Necrosis TGLS = 4-2]			
* Lung		Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 6-1.11]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Thyroid Gland	Follicle	Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 289

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882709

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 290

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5-2,2+3-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 291

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Interval Sacrifice

DAY ON TEST: 462
HISTO: 871553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Esophagus	* Gallbladder
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OBSERVATIONS

Mesentery [Necrosis TGLS = 1-9]	Fat	Necrosis	Moderate
* Nose		Degeneration Inflammation	Hyaline, Mild Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 292

TRT#: 2

SEX: Female

DAY ON TEST: 464

DOSE: 0 PPM

DISP: Interval Sacrifice

HISTO: 871554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Liver	Inflammation	Chronic, Focal, Mild
* Lung	Alveolar/Bronchiolar Adenoma	
* Nose	Inflammation	Chronic, Focal, Mild
* Pancreas	Inflammation	Chronic, Focal, Minimal
* Salivary Glands	Inflammation	Chronic, Focal, Moderate
* Urinary Bladder	Inflammation	Chronic, Focal, Mild
* Uterus	Dilatation	Marked

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 293

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Stomach, Glandular	Mucosa	Hyperplasia	Marked
[Hyperplasia TGLS = 2-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 464

DOSE: 0 PPM

DISP: Interval Sacrifice

HISTO: 871555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 295

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-6+6.1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 2-4]		Hemorrhage	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Dilatation	Marked
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 296	TRT#: 2	SEX: Female	DAY ON TEST: 738
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 882713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Bone Marrow	* Parathyroid Gland
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OBSERVATIONS

* Brain		Compression	
		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Stomach, Forestomach		Abscess	Moderate
		Cyst Epithelial Inclusion	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
[Abscess TGLS = 1-6.1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 297

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Eosinophilic Focus	
		Lymphoma Malignant Mixed	
	[Eosinophilic Focus TGLS = 6-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Mixed	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1]		
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5,7-5]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5,7-5]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5,7-5]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-5.1]		
* Nose		Inflammation	Chronic, Mild
* Pancreas		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 297	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 882714
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 298

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Interval Sacrifice

DAY ON TEST: 462
HISTO: 871556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla	* Esophagus
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OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 299

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 561
HISTO: 882715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Colon	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2]			
* Nose		Inflammation	Chronic, Mild
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 300

TRT#: 2

SEX: Female

DAY ON TEST: 498

DOSE: 0 PPM

DISP: Moribund

HISTO: 882716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
Ear	Artery, Internal Ear	Inflammation	Chronic, Moderate
Note: LESION ACCOUNTS FOR CIRCLING SEEN CLINICALLY			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Basophilic Focus	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-5.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 301

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Dilatation TGLS = 1-4]			
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 302

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Dead

DAY ON TEST: 738
HISTO: 882718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Urinary Bladder
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OBSERVATIONS

* Adrenal Medulla [Lymphoma Malignant Mixed TGLS = 1-7]		Lymphoma Malignant Mixed	
* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver [Angiectasis TGLS = 6-2.1]		Angiectasis	Moderate
		Necrosis	Focal, Moderate
Lymph Node [Lymphoma Malignant Mixed TGLS = 2-5.2,3-5.1]	Pancreatic	Lymphoma Malignant Mixed	
* Lymph Node, Mandibular [Lymphoma Malignant Mixed TGLS = 2-5.2,3-5.1]		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 2-5.2,3-5.1]		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Moderate
* Stomach, Glandular [Erosion TGLS = 5-6.1]		Erosion	Moderate
* Uterus		Dilatation	Mild
	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 302

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Dead

DAY ON TEST: 738
HISTO: 882718

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 303

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 2-5]			
* Uterus	Endometrium	Dilatation	Marked
[Dilatation TGLS = 3-4]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 304	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Interval Sacrifice	DAY ON TEST: 462 HISTO: 871557
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 305

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 882720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Kidney		Lymphoma Malignant Mixed	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2]			
* Nose		Inflammation	Chronic, Moderate
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			
* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 306	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 882721
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 307 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 738
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 882722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6.1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 6-6.2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 308

TRT#: 2

SEX: Female

DAY ON TEST: 573

DOSE: 0 PPM

DISP: Dead

HISTO: 882723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

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

* Bone Marrow	Hyperplasia	Moderate
* Heart	Dilatation	Moderate
[Dilatation TGLS = 8-2]		
* Kidney	Lymphoma Malignant Lymphocytic	
* Liver	Lymphoma Malignant Lymphocytic	
* Lung	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 7-1]		
Lymph Node	Lymphoma Malignant Lymphocytic	
Lumbar	Lymphoma Malignant Lymphocytic	
Renal		
[Lymphoma Malignant Lymphocytic TGLS = 4-9,6-10,9-5,10-5]		
[Lymphoma Malignant Lymphocytic TGLS = 4-9,6-10,9-5,10-5]		
* Lymph Node, Mandibular	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-9,6-10,9-5,10-5]		
* Lymph Node, Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-9,6-10,9-5,10-5]		
* Nose	Inflammation	Chronic, Mild
* Ovary	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-4]		
* Skin	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-3]		
* Spleen	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5-3]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 308

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Dead

DAY ON TEST: 573
HISTO: 882723

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular
[Erosion TGLS = 11-6.1]

Erosion

Mild

* Thymus

Lymphoma Malignant Lymphocytic

* Uterus

Dilatation

Marked

[Dilatation TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 309

TRT#: 2

SEX: Female

DAY ON TEST: 478

DOSE: 0 PPM

DISP: Moribund

HISTO: 882724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain	Mineralization	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Fatty Change	Mild
* Nose	Inflammation	Chronic, Mild
Skeletal Muscle	Necrosis	Mild
[Necrosis TGLS = 2-9]		
* Skin	Edema	Moderate
[Edema TGLS = 1-3.1]		
* Spleen	Depletion Lymphoid	Moderate
* Stomach, Glandular	Ulcer	Marked
[Ulcer TGLS = 3+4+5-6.1]		
* Thymus	Depletion Lymphoid	Marked
* Uterus	Hyperplasia	Cystic, Minimal
Endometrium		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 310

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Interval Sacrifice

DAY ON TEST: 464
HISTO: 871558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 311

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Interval Sacrifice

DAY ON TEST: 462
HISTO: 871559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Focal, Moderate
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Moderate

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 312

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Dead

DAY ON TEST: 580
HISTO: 882725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Kidney	Mineralization	Marked
* Liver	Fatty Change	Mild
	Hepatocellular Carcinoma	
	Necrosis	Focal, Marked
[Hepatocellular Carcinoma TGLS = 2-2.1]		
[Necrosis TGLS = 3-2]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Depletion Lymphoid	Moderate
* Stomach, Forestomach	Ulcer	Marked
[Ulcer TGLS = 4-6.1]		
* Stomach, Glandular	Mineralization	Minimal
* Uterus	Mineralization	Marked
	Necrosis	Marked
	Polyp Stromal	
[Polyp Stromal TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 313

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO: 882726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
Lymph Node	Mediastinal	Congestion	Marked
[Congestion TGLS = 2-5.1]			
* Nose		Inflammation	Chronic, Mild
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Stomach, Forestomach		Diverticulum	Moderate
[Diverticulum TGLS = 3-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 314

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 882727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]		Hyperplasia	Lymphoid, Moderate
* Liver [Hemorrhage TGLS = 2-2]		Hemorrhage	Focal, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary [Cyst TGLS = 1-4]		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 315

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 602
HISTO: 882728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-6]			
* Liver		Clear Cell Focus	
* Nose		Inflammation	Chronic, Moderate
* Ovary		Cyst	
[Cyst TGLS = 3-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 467

DOSE: 500 PPM

DISP: Dead

HISTO: 883174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Dilatation	Moderate
* Lymph Node, Mandibular [Angiectasis TGLS = 1-5.1]	Lymphatic	Angiectasis	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland [Congestion TGLS = 2-7]		Congestion	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 721

DOSE: 500 PPM

DISP: Moribund

HISTO: 883175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Atrophy	Marked
* Brain	Mineralization	Mild
* Heart	Hemangiosarcoma	
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-6.1]		
* Liver	Hemangiosarcoma	
	Hematopoietic Cell Proliferation	Marked
	Necrosis	Focal, Moderate
[Hemangiosarcoma TGLS = 4-2.1]		
[Necrosis TGLS = 5-2]		
* Lymph Node, Mesenteric	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-5]		
* Nose	Inflammation	Chronic, Mild
* Pancreas	Inflammation	Chronic, Marked
* Spleen	Hemangiosarcoma	
	Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 2-3.1]		
[Hematopoietic Cell Proliferation TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 464

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular
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OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 1-2.1]			
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
[Hyperplasia TGLS = 5-6.1]			
Tongue		Hyperkeratosis	Mild
[Hyperkeratosis TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 380

DOSE: 500 PPM

DISP: Moribund

HISTO: 871609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Liver	Fatty Change	Minimal
[Fatty Change TGLS = 3-2]		
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Moderate
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Liver	Necrosis	Focal, Minimal
* Nose	Inflammation	Chronic, Mild
* Ovary	Cyst	
[Cyst TGLS = 2-4]		
* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-3]		
* Stomach, Glandular	Inflammation	Acute, Mild
[Inflammation TGLS = 4-6+6.1]		
* Uterus	Dilatation	Marked
[Dilatation TGLS = 1-4+4.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 322	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney	Renal Tubule	Regeneration	Moderate
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-5.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex [Hyperplasia TGLS = 2-7]	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 6-6.2]		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum [Hyperplasia TGLS = 4-6.1]		Hyperplasia	Lymphoid, Mild
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-1]		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric [Congestion TGLS = 1-5]		Congestion	Marked
* Nose		Inflammation	Chronic, Mild
* Uterus [Hyperplasia TGLS = 5-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 616

DOSE: 500 PPM

DISP: Moribund

HISTO: 883181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
		Myelofibrosis	Moderate
* Lymph Node, Mandibular	Lymphatic	Angiectasis	Moderate
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland		Inflammation	Acute, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6.1]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-2.1]			
* Lung		Congestion	Moderate
[Congestion TGLS = 1-1.1]			
Mesentery	Fat	Necrosis	Mild
* Nose		Inflammation	Chronic, Mild
* Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6+6.1]			
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-6]			
* Liver		Angiectasis	Marked
[Hepatocellular Adenoma TGLS = 2-2]		Hepatocellular Adenoma	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum	* Lymph Node, Mesenteric
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6]	Hyperplasia	Lymphoid, Marked
* Liver [Hepatocellular Adenoma TGLS = 1-2]	Fatty Change Hepatocellular Adenoma	Mild
* Lung	Alveolar/Bronchiolar Adenoma	
* Nose	Inflammation	Chronic, Mild
* Uterus	Endometrium Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 330	TRT#: 4	SEX: Female	DAY ON TEST: 464
	DOSE: 500 PPM	DISP: Interval Sacrifice	HISTO: 871596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Brain	Mineralization	Focal, Minimal
* Liver	Hepatocellular Adenoma	
	Necrosis	Focal, Moderate
[Hepatocellular Adenoma TGLS = 1-2.1]		
[Necrosis TGLS = 2-2.1]		
* Nose	Degeneration	Hyaline, Marked
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary	Follicle	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-4]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-4.2]		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 564

DOSE: 500 PPM

DISP: Moribund

HISTO: 883187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Fatty Change	Marked
[Fatty Change TGLS = 2-2]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Depletion Lymphoid	Marked
* Stomach, Forestomach		Edema	Marked
		Hyperkeratosis	Moderate
[Edema TGLS = 4-6]			
[Hyperkeratosis TGLS = 5-6+6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Angiectasis	Moderate
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
[Angiectasis TGLS = 3-2.2]			
[Hepatocellular Adenoma TGLS = 2-2.1]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-9]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Necrosis	Focal, Minimal
[Eosinophilic Focus TGLS = 2-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Pituitary Gland	Rathkes Cleft	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-7]			
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 4-6.2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Islets, Pancreatic	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed	
* Heart	Pericardium	Fibrosis	Marked
[Fibrosis TGLS = 16-2]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 17-6.1]			
* Kidney	Renal Tubule	Degeneration	Marked
		Lymphoma Malignant Mixed	
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
		Necrosis	Focal, Mild
[Lymphoma Malignant Mixed TGLS = 9+11-2,10+13-2.1,12-2.2]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5,7-9,15-5,4-10,8-11]			
[Lymphoma Malignant Mixed TGLS = 1-5,7-9,15-5,4-10,8-11]			
[Lymphoma Malignant Mixed TGLS = 1-5,7-9,15-5,4-10,8-11]			
[Lymphoma Malignant Mixed TGLS = 1-5,7-9,15-5,4-10,8-11]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 335	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883190

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 1-5,7-9,15-5,4-10,8-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 15-5,1-5,7-9,4-10,8-11]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-4]			
* Spleen		Lymphoma Malignant Mixed Necrosis	Focal, Marked
[Lymphoma Malignant Mixed TGLS = 5-3.1]			
[Necrosis TGLS = 6-3.1]			
* Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 14-5]			
* Thyroid Gland	Follicle	Cyst	
* Uterus		Angiectasis Atrophy	Moderate Moderate
[Angiectasis TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 337	TRT#: 4	SEX: Female	DAY ON TEST: 464
	DOSE: 500 PPM	DISP: Interval Sacrifice	HISTO: 871597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

* Adrenal Medulla	* Parathyroid Gland
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OBSERVATIONS

* Brain	Mineralization	Focal, Mild
* Liver	Fatty Change	Minimal
* Uterus	Endometrium	Cystic, Marked
	Hyperplasia	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 338	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Ovary	Follicle	Hemorrhage	Marked
[Hemorrhage TGLS = 3-4]			
* Stomach, Forestomach		Acanthosis	Marked
[Acanthosis TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2.1]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5.1,2-5.2]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5.2,4-5.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3+3.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Brain		Lymphoma Malignant Mixed Mineralization	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-6.1]			
* Kidney	Renal Tubule	Lymphoma Malignant Mixed Regeneration	Mild
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 3-2]			
[Hepatocellular Carcinoma TGLS = 2-2.1]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Lymphoma Malignant Mixed	
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Moderate
[Lymphoma Malignant Mixed TGLS = 1-3]			
* Thymus		Lymphoma Malignant Mixed	
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883194

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 464

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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			

MISSING

* Adrenal Medulla

OBSERVATIONS

* Liver		Fatty Change	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
		Leiomyoma	
[Hyperplasia TGLS = 4-6.1]			
[Leiomyoma TGLS = 3-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4.1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 343 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 455
DOSE: 500 PPM **DISP:** Dead **HISTO:** 870073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder * Skin * Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Congestion	Moderate
* Brain		Mineralization	Minimal
* Kidney		Congestion	Moderate
	Renal Tubule	Degeneration	Mild
[Congestion TGLS = 4-3]			
* Liver		Congestion	Mild
		Fatty Change	Mild
* Lung		Congestion	Mild
[Congestion TGLS = 5-1]			
* Lymph Node, Mesenteric		Necrosis	Focal, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
* Pituitary Gland		Congestion	Marked
[Congestion TGLS = 6-7]			
* Spleen		Congestion	Moderate
		Necrosis	Focal, Moderate
* Thymus		Necrosis	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 535

DOSE: 500 PPM

DISP: Moribund

HISTO: 883196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Neutrophil, Marked
* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular [Infiltration Cellular TGLS = 2-5]	Infiltration Cellular	Plasma Cell, Marked
* Nose	Inflammation	Chronic, Mild
* Skin [Squamous Cell Carcinoma TGLS = 1-9]	Squamous Cell Carcinoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-3]	Hematopoietic Cell Proliferation	Marked
* Uterus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 345

TRT#: 4

SEX: Female

DAY ON TEST: 645

DOSE: 500 PPM

DISP: Moribund

HISTO: 883197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 4-6.2]			
* Intestine Small, Ileum		Ulcer	Marked
[Ulcer TGLS = 2-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Amyloid Deposition	Moderate
	Papilla	Necrosis	Marked
* Liver		Amyloid Deposition	Marked
[Amyloid Deposition TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Amyloid Deposition	Marked
		Hematopoietic Cell Proliferation	Marked
[Amyloid Deposition TGLS = 1-3]			
* Uterus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Ovary	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Liver		Clear Cell Focus	
* Lung	Peribronchial	Inflammation	Chronic, Moderate
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Heart	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Bone Marrow	Myelofibrosis	Moderate
* Brain	Mineralization	Moderate
Harderian Gland	Carcinoma	
[Carcinoma TGLS = 1-9]		
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-6+6.1]		
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
* Uterus	Dilatation	Marked
[Dilatation TGLS = 3-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 655

DOSE: 500 PPM

DISP: Moribund

HISTO: 883200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-6.1]			
* Kidney	Renal Tubule	Dilatation	Minimal
[Dilatation TGLS = 3-3]			
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 4-2]			
* Lung	Alveolar Epith	Metaplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen		Depletion Lymphoid	Moderate
[Depletion Lymphoid TGLS = 2-3]			
* Thymus		Depletion Lymphoid	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Dilatation	Marked
[Dilatation TGLS = 1-4.1]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2.1]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-9]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Moderate
[Congestion TGLS = 1-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Dilatation	Moderate
[Dilatation TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 351

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-6+6.1]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-2,2-2.1]			
* Nose		Inflammation	Acute, Mild
		Inflammation	Chronic, Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Dilatation	Marked
[Dilatation TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 352

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant Mixed	
* Uterus		Dilatation	Moderate
		Polyp Stromal	

[Polyp Stromal TGLS = 1-4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 353	TRT#: 4	SEX: Female	DAY ON TEST: 464
	DOSE: 500 PPM	DISP: Interval Sacrifice	HISTO: 871599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-9]			
* Nose		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 354	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-6]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Congestion	Mild
[Congestion TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 355

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone [Fibrosarcoma TGLS = 11-12]		Fibrosarcoma	Metastatic (Uncertain Primary Site)
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver Note: CYSTS ARE ADJACENT TUMOR NODULES TGL 7-2 AND 2.1			
* Lung		Fibrosarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric [Angiectasis TGLS = 6-5.1]	Lymphatic	Angiectasis	Moderate
Mesentery [Fibrosarcoma TGLS = 5-9]		Fibrosarcoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Mild
* Ovary [Cyst TGLS = 9-4]		Cyst	
* Pancreas Note: CYSTS ARE ADJACENT TUMOR NODULES TGL 3-5.1			
* Pituitary Gland Skeletal Muscle [Fibrosarcoma TGLS = 8-10]	Pars Distalis	Hyperplasia Fibrosarcoma	Focal, Moderate Metastatic (Uncertain Primary Site)
* Skin [Fibrosarcoma TGLS = 1-11]		Fibrosarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 355	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 883206

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4+4.1]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CYSTS ARE ADJACENT TUMOR NODULES TGL 10-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 356

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 357

TRT#: 4

SEX: Female

DAY ON TEST: 703

DOSE: 500 PPM

DISP: Moribund

HISTO: 883208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* 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, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Salivary Glands	* Thymus
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Amyloid Deposition	Marked
[Amyloid Deposition TGLS = 3-3]			
Mesentery		Fibrosarcoma	
[Fibrosarcoma TGLS = 4-9]			
* Nose		Inflammation	Chronic, Mild
* Skin			
Note: NO SKIN MASS FOUND AT EMBEDDING TGL 5			
* Spleen		Amyloid Deposition	Marked
[Amyloid Deposition TGLS = 2-3]			
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 358

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-6.1]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2]		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 4-2.1]			
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
Tongue		Hyperkeratosis	Moderate
[Hyperkeratosis TGLS = 6-9]			
* Uterus		Cyst	
[Cyst TGLS = 3-4.1]	Endometrium	Dilatation	Marked
[Hyperplasia TGLS = 2-4]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 359 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 736
DOSE: 500 PPM **DISP:** Terminal Sacrifice **HISTO:** 883210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Kidney		Glomerulosclerosis	Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Lymph Node, Mesenteric	Lymphatic	Angiectasis	Marked
		Lymphoma Malignant Mixed	
		[Angiectasis TGLS = 2-9]	
* Nose		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 1-3]	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 360

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 361

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 500 PPM

DISP: Dead

HISTO: 871600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pancreas
* Urinary Bladder			

OBSERVATIONS

* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Minimal
* Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 362

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-9]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Lumen	Hemorrhage	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Hemorrhage TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 363

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6+6.1]			
* Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 2-1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 364

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Marked

[Dilatation TGLS = 1-4+4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 365

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Ovary	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
		Leiomyoma	
[Leiomyoma TGLS = 3-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 1-2.1]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 366

TRT#: 4

SEX: Female

DAY ON TEST: 464

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* 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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Brain	Mineralization	Focal, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Cystic, Moderate
	Hyperplasia	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 367

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-6.1]			
* Intestine Small, Duodenum		Inflammation	Acute, Mild
[Inflammation TGLS = 1-6,1-6]			
* Intestine Small, Jejunum		Inflammation	Acute, Marked
[Inflammation TGLS = 1-6,1-6]			
* Kidney		Lymphoma Malignant Mixed	
* Liver		Fatty Change	Mild
		Lymphoma Malignant Mixed	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Pancreas		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 367

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883216

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 368	TRT#: 4	SEX: Female	DAY ON TEST: 373
	DOSE: 500 PPM	DISP: Moribund	HISTO: 871610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Gallbladder [Dilatation TGLS = 7-2]	Dilatation	Moderate
* Kidney [Nephropathy TGLS = 4+5-3]	Nephropathy	Minimal
* Liver [Fatty Change TGLS = 6-2]	Fatty Change	Mild
* Nose	Inflammation	Chronic, Mild
* Spleen [Pigmentation TGLS = 2-3]	Pigmentation	Hemosiderin, Minimal
* Stomach, Glandular [Ulcer TGLS = 3-3.1]	Ulcer	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 369	TRT#: 4	SEX: Female	DAY ON TEST: 607
	DOSE: 500 PPM	DISP: Dead	HISTO: 883217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland	* Urinary Bladder
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2.1]		
* Lung	Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
[Hepatocellular Carcinoma TGLS = 2-1]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 370

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6.1]			
* Kidney		Atrophy	Focal, Mild
[Atrophy TGLS = 4-3.1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
		Thrombosis	
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 371	TRT#: 4	SEX: Female	DAY ON TEST: 377
	DOSE: 500 PPM	DISP: Moribund	HISTO: 871611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Thymus	* Urinary Bladder
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 3-3.1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: TISSUE SUBMITTED AS THYMUS IS LUNG TUMOR TGL 8			
[Alveolar/Bronchiolar Carcinoma TGLS = 5-1,7-1,6-1.1]			
* Nose		Inflammation	Chronic, Mild
* Pancreas	Duct	Ectasia	Moderate
[Ectasia TGLS = 2-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 372

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 883219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.2]		Hyperplasia	Lymphoid, Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Stomach, Forestomach [Acanthosis TGLS = 2-6.1]		Acanthosis	Marked
* Uterus [Hyperplasia TGLS = 1-4]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 373

TRT#: 4

SEX: Female

DAY ON TEST: 464

DOSE: 500 PPM

DISP: Interval Sacrifice

HISTO: 871602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Thymus
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INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Nose	Inflammation	Chronic, Focal, Mild
* Ovary	Cyst	
[Cyst TGLS = 1-4]		
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Stomach, Glandular	Inflammation	Chronic, Focal, Mild
* Urinary Bladder	Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 374

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 500 PPM

DISP: Dead

HISTO: 883075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Rectum
* Lung	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Urinary Bladder		

OBSERVATIONS

* Gallbladder [Dilatation TGLS = 4-2]	Dilatation	Marked
* Islets, Pancreatic [Carcinoma TGLS = 1-5.1]	Carcinoma	
* Kidney [Atrophy TGLS = 2-3.1]	Atrophy	Focal, Moderate
* Liver [Hemangiosarcoma TGLS = 5-2]	Hemangiosarcoma	
* Lymph Node, Mesenteric [Congestion TGLS = 3-5.1]	Congestion	Marked
* Nose	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: PANCREATIC LN NOT SEEN. LESION IS ISLET CA TGL 1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 375

TRT#: 4

SEX: Female

DAY ON TEST: 561

DOSE: 500 PPM

DISP: Moribund

HISTO: 883220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2.1]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 429

DOSE: 1250 PPM

DISP: Dead

HISTO: 840074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Congestion	Mild
		Hyperplasia	Lymphoid, Mild
	[Congestion TGLS = 4-3]		
* Liver		Fatty Change	Mild
* Lung		Congestion	Mild
	[Congestion TGLS = 3-1]		
* Skin		Congestion	Moderate
	[Congestion TGLS = 1-9+2-9]		
* Spleen		Necrosis	Focal, Mild
* Stomach, Glandular		Necrosis	Focal, Mild
	[Necrosis TGLS = 6-3]		
* Thymus		Necrosis	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 5-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Adenoma	
		Lymphoma Malignant Lymphocytic	
	[Adenoma TGLS = 8-3.1]		
	[Lymphoma Malignant Lymphocytic TGLS = 7-3]		
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-2.1]		
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 5-5]		
Mesentery		Fibrosis	Mild
	Fat	Necrosis	Moderate
	[Fibrosis TGLS = 2-9]		
	[Necrosis TGLS = 1-9]		
* Nose		Inflammation	Chronic, Mild
* Pancreas		Cyst	
	Note: CYST IS IN PANCREATIC DUCT, NOT LYMPH NODE		
	[Cyst TGLS = 3-5]		
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883076

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CYST IS NOT IN PANCREATIC LYMPH NODE BUT PANCREAS TGL 3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney [Regeneration TGLS = 3-3]	Renal Tubule	Regeneration	Minimal
* Liver [Hepatocellular Carcinoma TGLS = 1-2.1]		Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-3]		Hematopoietic Cell Proliferation	Moderate
* Uterus [Hyperplasia TGLS = 4-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
[Regeneration TGLS = 4-3]			
* Lung		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-3]			
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 464

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Brain	Mineralization	Focal, Mild
* Liver	Fatty Change	Minimal
* Nose	Inflammation	Chronic, Focal, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Uterus	Dilatation	Moderate

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 381

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3+4-3]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-6]			
Tongue		Angiectasis	Moderate
[Angiectasis TGLS = 6-9]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 685

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* 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	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hemorrhage	Moderate
* Bone Marrow		Hyperplasia	Neutrophil, Moderate
		Myelofibrosis	Minimal
* Brain		Mineralization	Moderate
* Heart		Cardiomyopathy	Mild
* Int Sm Jejunum			
Note: JEJUNUM: NO NODULE SEEN ON SLIDE OR RECUT TGL 4			
* Kidney		Lymphoma Malignant Mixed	
	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Mild
		Lymphoma Malignant Mixed	
		Mixed Cell Focus	
		[Lymphoma Malignant Mixed TGLS = 1-2]	
		[Mixed Cell Focus TGLS = 7-2.1]	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pancreas		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 2-3]	
* Stomach, Forestomach		Ulcer	Moderate
		[Ulcer TGLS = 5+6-6+6.1]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 685

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883080

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant Mixed

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 383 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: 1250 PPM **DISP:** Terminal Sacrifice **HISTO:** 883081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Gallbladder		Lymphoma Malignant Mixed	
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Lymphoma Malignant Mixed	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
		[Hepatocellular Adenoma TGLS = 1-2]	
		[Lymphoma Malignant Mixed TGLS = 2-2]	
* Lung		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pancreas		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 3-3]	
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 384

TRT#: 6

SEX: Female

DAY ON TEST: 645

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* 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
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1+6-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-1+1.1]			
Lymph Node	Mediastinal	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 7-5]			
* Nose		Inflammation	Chronic, Mild
* Stomach, Glandular		Mineralization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 707

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 8-6+6.1]			
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 6-6+6.1]			
* Lung		Fibrosarcoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3+5-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 7-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 386

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Spleen
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Degeneration	Hyaline, Minimal
		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Marked
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Liver [Lymphoma Malignant Mixed TGLS = 2-2.1]	Lymphoma Malignant Mixed	
* Nose	Inflammation	Chronic, Minimal
* Ovary [Cystadenoma TGLS = 1-4]	Cystadenoma	
* Spleen [Lymphoma Malignant Mixed TGLS = 3-3]	Lymphoma Malignant Mixed	
* Uterus	Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 388

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Nose

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 10-6+6.1]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-2,4+5+6+7-2.1]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-5,2-5,11-9]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-5,2-5,11-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-5,2-5,11-9]			
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Angiectasis	Marked
		Dilatation	Marked
		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 388

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883085

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 12-6.2]

[Hemorrhage TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 389	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 1250 PPM	DISP: Terminal Sacrifice	HISTO: 883086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Heart	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex [Angiectasis TGLS = 6-7]	Angiectasis	Mild
* Bone Marrow	Myelofibrosis	Marked
* Brain	Mineralization	Minimal
* Intestine Large, Cecum [Hyperplasia TGLS = 7-6]	Hyperplasia	Lymphoid, Moderate
* Nose	Inflammation	Chronic, Mild
* Ovary [Cyst TGLS = 1-4]	Cyst	
* Uterus [Dilatation TGLS = 2+3-4+4.1]	Dilatation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 390	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 1250 PPM	DISP: Terminal Sacrifice	HISTO: 883087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 391

TRT#: 6

SEX: Female

DAY ON TEST: 616

DOSE: 1250 PPM

DISP: Dead

HISTO: 883088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Esophagus	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

* Liver		Fatty Change Hepatocellular Adenoma	Mild
[Hepatocellular Adenoma TGLS = 2-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-6.1]			
* Nose		Inflammation	Chronic, Mild
* Stomach, Forestomach		Hyperkeratosis	Moderate
[Hyperkeratosis TGLS = 4-6.2]			
* Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 392

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-6.1]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5-2.1]		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6+7-2+2.1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1+3-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 605

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Liver	Fatty Change	Mild
[Fatty Change TGLS = 2-2]		
* Stomach, Forestomach	Hyperkeratosis	Mild
[Hyperkeratosis TGLS = 5-6.1]		
* Stomach, Glandular	Erosion	Mild
[Erosion TGLS = 6-6.2]		
* Uterus	Dilatation	Marked
[Dilatation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 394

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* 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			

INSUFFICIENT TISSUE

* Bone Marrow

OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 395

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Liver		Fatty Change Hepatocellular Adenoma	Mild
	[Fatty Change TGLS = 1-2] [Hepatocellular Adenoma TGLS = 2-2.1]		
* Nose		Inflammation	Chronic, Focal, Minimal
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 396

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 5-9]		
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-3]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 6-4+4.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Esophagus
* Gallbladder	* Heart	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hemorrhage	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Lymphoma Malignant Lymphocytic	
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1+2-4]			
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-3]			
* Uterus		Dilatation	Marked
[Dilatation TGLS = 3+5-4.1]		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 6-4.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 398

TRT#: 6

SEX: Female

DAY ON TEST: 360

DOSE: 1250 PPM

DISP: Moribund

HISTO: 871612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Ovary

OBSERVATIONS

* Gallbladder		Lymphoma Malignant Mixed
* Heart		Lymphoma Malignant Mixed
* Intestine Large, Cecum		Lymphoma Malignant Mixed
* Liver		Lymphoma Malignant Mixed
* Lung		Lymphoma Malignant Mixed
Lymph Node	Axillary	Lymphoma Malignant Mixed
	Bronchial	Lymphoma Malignant Mixed
	Mediastinal	Lymphoma Malignant Mixed
	[Lymphoma Malignant Mixed TGLS = 1-5,8-5.1,7-5.1,5-5.2,3-9]	
	[Lymphoma Malignant Mixed TGLS = 1-5,8-5.1,7-5.1,5-5.2,3-9]	
	[Lymphoma Malignant Mixed TGLS = 1-5,8-5.1,7-5.1,5-5.2,3-9]	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed
	[Lymphoma Malignant Mixed TGLS = 1-5,8-5.1,7-5.1,5-5.2,3-9]	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed
	[Lymphoma Malignant Mixed TGLS = 1-5,8-5.1,7-5.1,5-5.2,3-9]	
* Mammary Gland		
Note: FOCI REPORTED IN MAMMARY GLAND ARE LYMPHOMA CELLS IN FAT		
Note: TGL 2		
* Pancreas		Lymphoma Malignant Mixed
* Salivary Glands		Lymphoma Malignant Mixed
* Skin		Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 398

TRT#: 6

SEX: Female

DAY ON TEST: 360

DOSE: 1250 PPM

DISP: Moribund

HISTO: 871612

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant Mixed TGLS = 4-3.1]	Lymphoma Malignant Mixed
* Stomach, Glandular	Lymphoma Malignant Mixed
* Thymus [Lymphoma Malignant Mixed TGLS = 6-5.1]	Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 399

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hemorrhage	Mild
* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Atrophy	Focal, Mild
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 4-2]			
[Mixed Cell Focus TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
		Cystadenoma	
[Cyst TGLS = 1-4]			
* Stomach, Forestomach		Diverticulum	Mild
[Diverticulum TGLS = 6-3]			
* Uterus		Dilatation	Marked
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 400

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Large, Colon		Hyperplasia	Lymphoid, Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Islets, Pancreatic		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 401

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney
* 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

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-6+6.1]			
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-6.2]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 5+6-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 10-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2+4-3]			
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Dilatation TGLS = 1+7-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 402

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* 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

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Heart	Valve	Pigmentation	Marked
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6+6.1]			
* Islets, Pancreatic		Adenoma	
* Liver		Eosinophilic Focus	
[Hepatocellular Adenoma TGLS = 1-2+2.1]		Hepatocellular Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus	Endometrium	Angiectasis	Marked
[Hyperplasia TGLS = 4-4]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 403

TRT#: 6

SEX: Female

DAY ON TEST: 720

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* 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

* Bone Marrow	Myelofibrosis	Moderate
* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Intestine Small, Duodenum [Fibrosis TGLS = 7+8-9]	Fibrosis	Mild
* Islets, Pancreatic Note: INTESTINAL MASS SEEN GROSSLY IN ISLET CALL CARCINOMA. [Carcinoma TGLS = 1-9]	Carcinoma	
* Kidney [Mineralization TGLS = 4-3]	Mineralization	Minimal
* Liver	Hematopoietic Cell Proliferation	Mild
* Nose	Inflammation	Chronic, Moderate
	Metaplasia	Squamous, Moderate
* Pancreas Note: NODULE IS NORMAL PANCREATIC LYMPH NODE TGL 3		
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-3]	Hematopoietic Cell Proliferation	Marked
* Uterus Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: RAISED FOCUS IS FOOD PARTICLE TGL 6

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 404

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-6+6.1]			
* Liver		Angiectasis	Focal, Mild
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			
* Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5]			
* Thyroid Gland		Cyst	
	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 405

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Spleen
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OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 406

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 1250 PPM

DISP: Dead

HISTO: 883099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Rectum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain	Mineralization	Mild
* Kidney	Lymphoma Malignant Lymphocytic	
* Liver	Lymphoma Malignant Lymphocytic	
* Lung	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric	Lymphoma Malignant Lymphocytic	
* Salivary Glands	Lymphoma Malignant Lymphocytic	
* Spleen	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-3]		
* Thymus	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-5]		
* Urinary Bladder	Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 407

TRT#: 6

SEX: Female

DAY ON TEST: 627

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

Blood		Neutrophilia	
* Brain		Mineralization	Mild
* Heart		Edema	Mild
[Edema TGLS = 3-2]			
* Kidney		Atrophy	Focal, Mild
* Liver		Fatty Change	Mild
Lymph Node	Lumbar, Lymphatic	Angiectasis	Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
	Lumbar	Inflammation	Acute, Moderate
[Angiectasis TGLS = 7-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Uterus		Angiectasis	Marked
[Angiectasis TGLS = 1+4+5+6-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 408

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 1250 PPM

DISP: Dead

HISTO: 883101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	[Basophilic Focus TGLS = 4-2.1]		
	[Eosinophilic Focus TGLS = 2-2]		
* Nose		Inflammation	Chronic, Minimal
* Ovary		Cyst	
		Cystadenoma	
	[Cystadenoma TGLS = 1-4]		
* Spleen		Hemangiosarcoma	
		Infarct	Marked
	[Hemangiosarcoma TGLS = 3-3]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 409

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	

[Polyp Stromal TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 410

TRT#: 6

SEX: Female

DAY ON TEST: 464

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 411

TRT#: 6

SEX: Female

DAY ON TEST: 721

DOSE: 1250 PPM

DISP: Moribund

HISTO: 883103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain		Mineralization	Moderate
* Heart	Valve	Pigmentation	Marked
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 7-6+6.1]			
* Liver		Hepatocellular Carcinoma	
		Infarct	Marked
[Hepatocellular Carcinoma TGLS = 2+5-2.1]			
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Mild
* Ovary		Thrombosis	Marked
[Thrombosis TGLS = 1-4]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-3]			
* Uterus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 412

TRT#: 6

SEX: Female

DAY ON TEST: 714

DOSE: 1250 PPM

DISP: Dead

HISTO: 883104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Intestine Large, Colon	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Urinary Bladder
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OBSERVATIONS

* Brain	Mineralization	Mild
* Gallbladder	Autolysis	Moderate
	Dilatation	Marked
[Dilatation TGLS = 2-2]		
* Liver	Angiectasis	Mild
	Hepatocellular Carcinoma	
[Angiectasis TGLS = 3-2]		
[Hepatocellular Carcinoma TGLS = 5-2.1]		
* Nose	Inflammation	Chronic, Minimal
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1+6-3]		
* Uterus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 413

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Polyp Stromal TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 414

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Esophagus
* Gallbladder	* Heart	* 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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Necrosis	Focal, Mild
[Necrosis TGLS = 4-2]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Stomach, Glandular		Mineralization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 415	TRT#: 6	SEX: Female	DAY ON TEST: 462
	DOSE: 1250 PPM	DISP: Interval Sacrifice	HISTO: 871593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
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INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2]			
* Nose		Inflammation	Chronic, Focal, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 416

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney		Atrophy	Focal, Mild
[Atrophy TGLS = 2-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 417

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* 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	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Nose	Inflammation	Chronic, Mild
* Ovary	Hemangioma	
[Hemangioma TGLS = 1-4]		
* Uterus	Dilatation	Marked
[Dilatation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 418

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Congestion	Moderate
[Congestion TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 419	TRT#: 6	SEX: Female	DAY ON TEST: 680
	DOSE: 1250 PPM	DISP: Moribund	HISTO: 883110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
* Ovary		Cyst	
	[Cyst TGLS = 1-4]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 420

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 421

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 422

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 423

TRT#: 6

SEX: Female

DAY ON TEST: 464

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Rectum

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Liver	Fatty Change	Minimal
	Inflammation	Chronic, Focal, Minimal
* Nose	Degeneration	Hyaline, Mild
* Pancreas	Inflammation	Chronic, Focal, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Dilatation	Moderate

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 424

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 425

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-6.1]			
* Islets, Pancreatic		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2,3+4-2.1]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 426

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 6-6]			
* Kidney	Renal Tubule	Regeneration	Minimal
[Regeneration TGLS = 3-3]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-2.1]		Inflammation	Chronic, Focal, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary	Follicle	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-4]			
* Uterus	Endometrium	Dilatation	Marked
[Dilatation TGLS = 1-4]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 427

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* 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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6+6.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 428

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 6-6+6.1]		Hyperplasia	Lymphoid, Moderate
* Liver [Hepatocellular Adenoma TGLS = 1-2]		Hepatocellular Adenoma	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland [Adenoma TGLS = 2-7]	Pars Intermed	Adenoma	
* Spleen [Hyperplasia TGLS = 5-3]		Hyperplasia	Lymphoid, Moderate
* Uterus [Hyperplasia TGLS = 3-4]	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 429

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-7]			
* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6+6.1]			
* Kidney		Inflammation	Focal, Mild
[Inflammation TGLS = 2-3]			
* Liver		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 6-2.1]			
Lymph Node	Lumbar, Lymphatic	Angiectasis	Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Angiectasis TGLS = 7-9]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Congestion	Moderate
[Congestion TGLS = 1-3]			
* Thyroid Gland		Adenoma	
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Marked
	Endometrium	Metaplasia	Squamous, Marked
[Dilatation TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 430 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 735
DOSE: 1250 PPM **DISP:** Terminal Sacrifice **HISTO:** 883119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Carcinoma	Metastatic (Pituitary Gland)
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Atrophy	Focal, Moderate
	Renal Tubule	Dilatation	Mild
		Metaplasia	Osseous, Moderate
	[Atrophy TGLS = 5-3]		
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-2.1]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-9]		
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Carcinoma	
	[Carcinoma TGLS = 3-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-3]		
Tongue		Angiectasis	Moderate
	[Angiectasis TGLS = 6-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 431

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 2-3]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Mild
* Uterus		Dilatation	Marked
		Polyp Stromal	
[Dilatation TGLS = 1+4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 432

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mesenteric
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OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 8-6+6.1]		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney [Nephropathy TGLS = 7-3]		Nephropathy	Mild
* Liver [Eosinophilic Focus TGLS = 6-2] [Hepatocellular Adenoma TGLS = 6-2] [Hepatocellular Carcinoma TGLS = 1-2.1]		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
* Lung Note: NO NODULE SEEN ON SLIDE OR RECUT. TGL 2			
* Nose		Inflammation Metaplasia Angiectasis	Chronic, Mild Squamous, Mild Moderate
* Ovary [Angiectasis TGLS = 5-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-3]		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 432

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883121

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Atrophy

Moderate

[Atrophy TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 433

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Adenoma	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-4]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 434

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 883123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Carcinoma	Metastatic (Pituitary Gland)
		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney		Casts	
[Casts TGLS = 7-3]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2+3-2,4-2.1,8-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 5-7]			
* Uterus		Dilatation	Marked
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 435

TRT#: 6

SEX: Female

DAY ON TEST: 464

DOSE: 1250 PPM

DISP: Interval Sacrifice

HISTO: 871591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Heart		Inflammation	Chronic, Focal, Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 436

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Mixed Cell Focus	
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Marked
[Dilatation TGLS = 2-4]			
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Atrophy	Focal, Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Stomach, Forestomach		Acanthosis	Marked
[Acanthosis TGLS = 2-6.1.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 438

TRT#: 8

SEX: Female

DAY ON TEST: 142

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney	Crystals	Mild
	Nephropathy	Marked
[Nephropathy TGLS = 3-3]		
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 395

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Brain	* 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
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Esophagus

INSUFFICIENT TISSUE

* Bone Marrow

OBSERVATIONS

* Kidney	Crystals	Moderate
	Nephropathy	Marked
[Nephropathy TGLS = 3-3]		
* Liver	Clear Cell Focus	
[Clear Cell Focus TGLS = 4-2.1]		
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
* Nose	Inflammation	Chronic, Mild
* Thymus	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 213

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

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

* Kidney		Crystals	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 2-3]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Depletion Lymphoid	Moderate
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 441

TRT#: 8

SEX: Female

DAY ON TEST: 230

DOSE: 2500 PPM

DISP: Dead

HISTO: 871614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Liver	* Lung	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Esophagus	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney		Crystals	Mild
		Nephropathy	Moderate
	[Nephropathy TGLS = 2-3]		
* Nose		Inflammation	Chronic, Minimal
* Spleen		Depletion Lymphoid	Moderate
	[Depletion Lymphoid TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 442

TRT#: 8

SEX: Female

DAY ON TEST: 203

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Liver	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Salivary Glands			

OBSERVATIONS

* Kidney		Crystals	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 3-3]			
* Nose		Inflammation	Chronic, Mild
* Thymus		Depletion Lymphoid	Moderate
* Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 464

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 444

TRT#: 8

SEX: Female

DAY ON TEST: 643

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 5-6]	Hyperplasia	Lymphoid, Mild
* Kidney [Nephropathy TGLS = 1-3]	Crystals Nephropathy	Mild Marked
* Liver	Fatty Change	Mild
* Pancreas Note: NO PANCREATIC NODULE SEEN IN SLIDE OR RECUT TGL 4		
* Spleen [Depletion Lymphoid TGLS = 3-3]	Depletion Lymphoid	Moderate
* Stomach, Forestomach [Acanthosis TGLS = 6-6.1]	Acanthosis	Moderate
* Uterus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 445

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Lung	Alveolar Epith	Metaplasia	Marked
Lym Node Media			
Note: CANNOT DISTINGUISH MEDIASTINAL LN FROM THYMUS TGL 2			
* Nose		Inflammation	Chronic, Mild
* Ovary		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-4]			
* Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 446

TRT#: 8

SEX: Female

DAY ON TEST: 462

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* 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		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Casts	Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6+6.1]		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary [Congestion TGLS = 4-4]		Congestion	Mild
* Spleen [Fibrosis TGLS = 1-3]		Fibrosis	Mild
* Stomach, Forestomach [Hyperkeratosis TGLS = 3-6]		Hyperkeratosis	Moderate
* Uterus [Hyperplasia TGLS = 2-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 462

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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
* Ovary	* Pancreas	* Pituitary Gland	* 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

* Brain	Mineralization	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Fatty Change	Mild
* Lung	Alveolar/Bronchiolar Adenoma	
* Nose	Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 449

TRT#: 8

SEX: Female

DAY ON TEST: 142

DOSE: 2500 PPM

DISP: Moribund

HISTO: 861243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Kidney	Crystals	Mild
	Nephropathy	Moderate
[Nephropathy TGLS = 1-3]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 450

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 3-4]			
* Uterus		Dilatation	Marked
[Dilatation TGLS = 1-4.1,4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 658

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.2]	Hyperplasia	Lymphoid, Marked
* Kidney [Nephropathy TGLS = 1-3]	Crystals Nephropathy	Mild Marked
* Liver [Basophilic Focus TGLS = 5-2.1]	Basophilic Focus Necrosis	Focal, Mild
* Spleen	Depletion Lymphoid	Mild
* Stomach, Glandular [Erosion TGLS = 3-6.1]	Erosion	Minimal
* Thymus	Depletion Lymphoid	Moderate
* Uterus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 225

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Crystals	Moderate
		Nephropathy	Marked
	[Nephropathy TGLS = 2-3,3-3]		
* Liver		Congestion	Minimal
	[Congestion TGLS = 4-2]		
* Lymph Node, Mesenteric		Depletion Lymphoid	Moderate
* Nose		Inflammation	Chronic, Mild
* Thymus		Depletion Lymphoid	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 135

DOSE: 2500 PPM

DISP: Moribund

HISTO: 861244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Kidney	Crystals	Mild
[Nephropathy TGLS = 2-3+3-3]	Nephropathy	Marked
* Lymph Node, Mesenteric	Congestion	Mild
[Congestion TGLS = 4-5]		
* Nose	Inflammation	Chronic, Mild
	Metaplasia	Squamous, Mild
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 317

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Crystals	Minimal
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-3]		
* Lung		Congestion	Minimal
	[Congestion TGLS = 5-1]		
* Salivary Glands		Congestion	Minimal
	[Congestion TGLS = 2-5]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 455

TRT#: 8

SEX: Female

DAY ON TEST: 157

DOSE: 2500 PPM

DISP: Moribund

HISTO: 861123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Crystals	Mild
	Nephropathy	Marked
[Nephropathy TGLS = 4-3]		
* Lymph Node, Mesenteric	Depletion Lymphoid	Mild
* Spleen	Depletion Lymphoid	Mild
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Degeneration	Fatty, Mild
* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
		Hemorrhage	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 457

TRT#: 8

SEX: Female

DAY ON TEST: 177

DOSE: 2500 PPM

DISP: Moribund

HISTO: 861154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Ovary

OBSERVATIONS

* Kidney	Crystals	Mild
	Nephropathy	Moderate
[Nephropathy TGLS = 1-3]		
* Lymph Node, Mandibular	Depletion Lymphoid	Mild
* Lymph Node, Mesenteric	Depletion Lymphoid	Mild
* Nose	Inflammation	Chronic, Mild
* Thymus	Depletion Lymphoid	Mild
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 458	TRT#: 8	SEX: Female	DAY ON TEST: 106
	DOSE: 2500 PPM	DISP: Moribund	HISTO: 860448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Thymus	* Thyroid Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Kidney	Crystals	Moderate
	Nephropathy	Marked
[Nephropathy TGLS = 3-3]		
* Nose	Inflammation	Acute, Mild
	Inflammation	Chronic, Mild
	Metaplasia	Squamous, Mild
* Uterus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 459

TRT#: 8

SEX: Female

DAY ON TEST: 173

DOSE: 2500 PPM

DISP: Dead

HISTO: 861124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Liver	* Lung	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Kidney		Crystals	Moderate
		Nephropathy	Mild
[Nephropathy TGLS = 3-3]			
* Spleen		Depletion Lymphoid	Marked
* Uterus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 460

TRT#: 8

SEX: Female

DAY ON TEST: 112

DOSE: 2500 PPM

DISP: Moribund

HISTO: 860449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Kidney	Crystals	Minimal
	Nephropathy	Marked
[Nephropathy TGLS = 3-3]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 461	TRT#: 8	SEX: Female	DAY ON TEST: 234
	DOSE: 2500 PPM	DISP: Dead	HISTO: 871619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Urinary Bladder
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OBSERVATIONS

* Kidney	Crystals	Moderate
	Nephropathy	Moderate
[Nephropathy TGLS = 3-3]		
* Lymph Node, Mesenteric	Depletion Lymphoid	Marked
* Nose	Inflammation	Chronic, Mild
* Spleen	Depletion Lymphoid	Marked
[Depletion Lymphoid TGLS = 2-3]		
* Thymus	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 462

TRT#: 8

SEX: Female

DAY ON TEST: 674

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Brain	Mineralization	Moderate
* Kidney	Crystals	Minimal
	Mineralization	Mild
	Nephropathy	Marked
[Nephropathy TGLS = 3-3]		
* Liver	Fatty Change	Marked
[Fatty Change TGLS = 4-2]		
* Lym Node Mand		
Note: NO LARGE MANDIBULAR NODE SEEN AT TRIMMING TGL 1		
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
* Nose	Inflammation	Chronic, Minimal
* Ovary	Cyst	
[Cyst TGLS = 2-4]		
* Stomach, Forestomach	Ulcer	Marked
[Ulcer TGLS = 6-6.1]		
* Thymus	Depletion Lymphoid	Marked
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 463

TRT#: 8

SEX: Female

DAY ON TEST: 171

DOSE: 2500 PPM

DISP: Moribund

HISTO: 861125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Spleen	* Thymus
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Crystals	Minimal
	Nephropathy	Marked
[Nephropathy TGLS = 3-3]		
* Uterus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 464

TRT#: 8

SEX: Female

DAY ON TEST: 108

DOSE: 2500 PPM

DISP: Moribund

HISTO: 860450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Kidney	Crystals	Minimal
	Nephropathy	Marked
[Nephropathy TGLS = 4-3+5-3]		
* Lung	Hemorrhage	Mild
* Nose	Inflammation	Chronic, Mild
	Metaplasia	Squamous, Moderate
* Uterus	Atrophy	Marked
[Atrophy TGLS = 2-4+9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 104

DOSE: 2500 PPM

DISP: Moribund

HISTO: 860451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Kidney	Crystals	Mild
	Nephropathy	Marked
[Nephropathy TGLS = 1-3]		
* Thymus	Depletion Lymphoid	Marked
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 466	TRT#: 8	SEX: Female	DAY ON TEST: 298
	DOSE: 2500 PPM	DISP: Dead	HISTO: 871620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Intestine Small, Duodenum	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

INSUFFICIENT TISSUE

* Adrenal Medulla	* Bone Marrow
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OBSERVATIONS

* Brain	Mineralization	Mild
* Kidney	Crystals	Mild
	Nephropathy	Marked
[Nephropathy TGLS = 1-3]		
* Lymph Node, Mesenteric	Depletion Lymphoid	Marked
* Pituitary Gland	Congestion	Minimal
[Congestion TGLS = 3-7]		
* Spleen	Depletion Lymphoid	Marked
* Thymus	Depletion Lymphoid	Marked
* Uterus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 467

TRT#: 8

SEX: Female

DAY ON TEST: 617

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain	Mineralization	Minimal
* Kidney	Crystals	Moderate
[Nephropathy TGLS = 1-3]	Nephropathy	Marked
* Liver	Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 4-2.1]		
* Nose	Inflammation	Chronic, Mild
* Ovary	Atrophy	Moderate
* Spleen	Fibrosis	Mild
[Fibrosis TGLS = 3-3]		
* Thymus	Depletion Lymphoid	Mild
* Uterus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 468

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 8-6.1]			
* Kidney		Crystals	Minimal
[Nephropathy TGLS = 3-3]		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 1-9]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Congestion	Mild
[Congestion TGLS = 5-3]			
* Stomach, Forestomach		Diverticulum	Moderate
[Diverticulum TGLS = 7-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 469	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Dead	DAY ON TEST: 248 HISTO: 871621
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Mammary Gland	* Stomach, Forestomach	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

* Kidney		Crystals	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 1-3]			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum		Adenocarcinoma	
[Adenocarcinoma TGLS = 4-6.1]			
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 7-2]		Necrosis	Focal, Minimal
* Lymph Node, Mesenteric		Angiectasis	Marked
[Angiectasis TGLS = 5-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 2-4]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-3]			
* Uterus	Endometrium	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-4.1]		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4.1+4.2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882743

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 585

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Kidney		Crystals	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 1-3]			
* Lymph Node, Mesenteric		Depletion Lymphoid	Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 472

TRT#: 8

SEX: Female

DAY ON TEST: 221

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Crystals	Minimal
		Nephropathy	Moderate
	[Nephropathy TGLS = 1-3]		
* Lung		Congestion	Mild
	[Congestion TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 473

TRT#: 8

SEX: Female

DAY ON TEST: 673

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 5-6]			
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 1-3]			
* Liver		Fatty Change	Marked
		Hemangioma	
		Necrosis	Focal, Marked
[Hemangioma TGLS = 2-2.1]			
* Ovary		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-3]			
* Stomach, Forestomach		Abscess	Mild
[Abscess TGLS = 6-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Esophagus	* Gallbladder	* Heart	* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4.1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4+4.2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 464

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Intestine Large, Colon	* Intestine Small, Ileum	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Intestine Large, Rectum		Ulcer	Moderate
* Nose		Inflammation	Chronic, Focal, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 476

TRT#: 8

SEX: Female

DAY ON TEST: 718

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 9-6.1]	Hyperplasia	Lymphoid, Moderate
* Liver [Hepatocellular Adenoma TGLS = 1-2] [Lymphoma Malignant Mixed TGLS = 4+5-2]	Hepatocellular Adenoma Lymphoma Malignant Mixed	
Lymph Node Renal [Lymphoma Malignant Mixed TGLS = 7-9]	Lymphoma Malignant Mixed	
* Nose	Inflammation	Chronic, Mild
* Spleen [Lymphoma Malignant Mixed TGLS = 6-3]	Lymphoma Malignant Mixed	
* Stomach, Forestomach [Acanthosis TGLS = 8-6.1]	Acanthosis	Mild
* Thymus [Lymphoma Malignant Mixed TGLS = 2-5.1]	Lymphoma Malignant Mixed	
* Uterus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 477

TRT#: 8

SEX: Female

DAY ON TEST: 561

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* 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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Brain		Mineralization	Mild
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-9+9.1+9.2]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-6]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1+2-2.1]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Salivary Glands		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4+5-3]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 479

TRT#: 8

SEX: Female

DAY ON TEST: 658

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 8-6+6.2]	Hyperplasia	Lymphoid, Moderate
* Kidney [Nephropathy TGLS = 2-3]	Crystals Nephropathy	Mild Marked
* Liver [Clear Cell Focus TGLS = 7-2.1.1]	Clear Cell Focus	
* Ovary [Cyst TGLS = 1-4]	Cyst	
* Stomach, Forestomach [Ulcer TGLS = 6-6.1]	Acanthosis Ulcer	Moderate Moderate
* Thymus	Lymphoma Malignant Histiocytic	
* Uterus [Dilatation TGLS = 5-4]	Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5+6-6+6.2]			
* Kidney		Crystals	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-3]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 481

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia Myelofibrosis	Megakaryocyte, Mild Mild
* Heart		Hemangiosarcoma	
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-6]			
* Islets, Pancreatic		Hyperplasia	Mild
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Ovary		Cyst Hemorrhage	Mild
[Hemorrhage TGLS = 7-4]			
* Skin		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-9]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2+3-3]			
* Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 6-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 482

TRT#: 8

SEX: Female

DAY ON TEST: 720

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Heart	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-6+6.1]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2]			
* Lung	Alveolar Epith	Metaplasia	Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gl			
Note: FRAGMENT OF PITUITARY FOUND WITH BRAIN SECTION			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 483

TRT#: 8

SEX: Female

DAY ON TEST: 643

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Adenoma	
* Bone Marrow	Myelofibrosis	Minimal
* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6]	Hyperplasia	Lymphoid, Mild
* Kidney [Nephropathy TGLS = 2-3]	Crystals	Mild
	Mineralization	Minimal
	Nephropathy	Marked
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
* Spleen	Depletion Lymphoid	Moderate
* Stomach, Forestomach [Ulcer TGLS = 4-6.1]	Acanthosis	Moderate
	Ulcer	Moderate
* Thymus	Depletion Lymphoid	Moderate
* Uterus [Dilatation TGLS = 1-4]	Dilatation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 484

TRT#: 8

SEX: Female

DAY ON TEST: 135

DOSE: 2500 PPM

DISP: Moribund

HISTO: 861245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

* Brain		
Note: TISSUE SUBMITTED AS CLITORAL GL IS NORMAL MAMMARY GL		
* Kidney	Crystals Nephropathy	Mild Marked
[Nephropathy TGLS = 2-3]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 485

TRT#: 8

SEX: Female

DAY ON TEST: 464

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 486

TRT#: 8

SEX: Female

DAY ON TEST: 666

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Crystals	Moderate
		Nephropathy	Marked
	[Nephropathy TGLS = 2-3]		
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
* Lung	Alveolar Epith	Metaplasia	Mild
	[Metaplasia TGLS = 3-1]		
* Lymph Node, Mandibular		Depletion Lymphoid	Moderate
* Nose		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Mild
	[Fibrosis TGLS = 6-3]		
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLS = 5-6.1]		
* Uterus	Endometrium	Cyst	
		Dilatation	Marked
	[Cyst TGLS = 4-4.1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 486

TRT#: 8

SEX: Female

DAY ON TEST: 666

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882754

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 487

TRT#: 8

SEX: Female

DAY ON TEST: 462

DOSE: 2500 PPM

DISP: Interval Sacrifice

HISTO: 871565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 488

TRT#: 8

SEX: Female

DAY ON TEST: 150

DOSE: 2500 PPM

DISP: Moribund

HISTO: 861155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Crystals	Mild
	Nephropathy	Marked
[Nephropathy TGLS = 2-3]		
* Lymph Node, Mesenteric	Depletion Lymphoid	Mild
* Thymus	Depletion Lymphoid	Moderate
* Uterus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: ADJACENT LYMPH NODE SIMULATES ENLARGED ADRENAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 489

TRT#: 8

SEX: Female

DAY ON TEST: 412

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* 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	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Small, Duodenum	* Parathyroid Gland
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OBSERVATIONS

Clitoral Gland [Cyst TGLS = 2-9]		Cyst	
* Kidney [Nephropathy TGLS = 6-3]		Crystals Nephropathy	Minimal Moderate
* Liver [Fatty Change TGLS = 8-2]		Fatty Change	Minimal
Mesentery [Necrosis TGLS = 5-6]	Fat	Necrosis	Moderate
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Spleen [Pigmentation TGLS = 3-3]		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 490

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Lymphoma Malignant Mixed	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-3]		
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 2-4+4.1]		

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 3 NOT SEEN IN ORIGINAL SLIDE OR RECUT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 491

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 882756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Crystals	Minimal
		Nephropathy	Moderate
	[Nephropathy TGLS = 1-3]		
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-2]		
* Nose		Inflammation	Chronic, Moderate
* Stomach, Forestomach		Diverticulum	Moderate
	[Diverticulum TGLS = 2-6.1,6-6.2]		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 4-4+4.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 492

TRT#: 8

SEX: Female

DAY ON TEST: 707

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7+8-6.2.1]			
* Liver		Eosinophilic Focus	
Note: NO FOCUS SEEN IN SLIDE OR RECUT FOR TGL 9			
[Eosinophilic Focus TGLS = 4-2]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-10]			
* Nose		Inflammation	Chronic, Mild
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]			
* Spleen		Congestion	Moderate
[Congestion TGLS = 5-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4+4.1]			

PRIMARY CAUSE OF DEATH -

Animal Note: NODULE (TGL 6) APPEARS TO BE ARTIFACT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 493

TRT#: 8

SEX: Female

DAY ON TEST: 679

DOSE: 2500 PPM

DISP: Moribund

HISTO: 882758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6+6.1]			
* Kidney	Renal Tubule	Dilatation	Moderate
[Dilatation TGLS = 4-3]			
* Lung		Fibrosarcoma	Metastatic (Uncertain Primary Site)
* Nose		Inflammation	Chronic, Mild
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus	Endometrium	Cyst	
		Dilatation	Marked
[Cyst TGLS = 6-4.1]			
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 494

TRT#: 8

SEX: Female

DAY ON TEST: 248

DOSE: 2500 PPM

DISP: Moribund

HISTO: 871624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Liver	* Lung
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

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

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Kidney	Crystals	Minimal
	Nephropathy	Marked
[Nephropathy TGLS = 2-3]		
* Spleen	Depletion Lymphoid	Moderate
* Urinary Bladder	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05127-02
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Barium chloride dihydrate
CAS Number: 10326-27-9

Date Report Requested: 10/20/2014
Time Report Requested: 12:13:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 495

TRT#: 8

SEX: Female

DAY ON TEST: 436

DOSE: 2500 PPM

DISP: Dead

HISTO: 871625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Stomach, Glandular	* Urinary Bladder
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OBSERVATIONS

* Brain	Mineralization	Mild
* Liver	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-2]		
* Nose	Inflammation	Chronic, Minimal
* Spleen	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: FOCI ON STOMACH ARE PM AUTOLYSIS TGL 2

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE