

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

C Number:	C88007B
Lock Date:	03/20/1998
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	06/01/1999

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Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 661
DOSE: 0.0% **DISP:** Moribund Sacrifice **HISTO:** 9700001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Nose	* Pancreas	* Pituitary Gland	* Preputial 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

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Eye		Atrophy	Marked
Note: Phthisis bulbi			
[Atrophy TGLS = 1-10]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 4-4]			
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
[Hemangiosarcoma TGLS = 5-5]			

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 661
	DOSE: 0.0%	DISP: Moribund Sacrifice	HISTO: 9700001

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 7-11]		
[Necrosis TGLS = 5,6-5+9]		
* Spleen	Hemangiosarcoma	
	Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 3-9]		

PRIMARY CAUSE OF DEATH	- Spleen Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hemangiosarcoma Spleen

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
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Date Report Requested: 10/18/2014
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 687
	DOSE: 0.0%	DISP: Moribund Sacrifice	HISTO: 9700002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Neuron	Necrosis	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infarct	Marked
[Infarct TGLS = 2-9]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
	Epithelium	Inflammation	Chronic Active, Minimal
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Adenoma

Animal Note: TGL#2-9: Mesenteric fat nodule, documented at necropsy, is a piece of infarcted liver histologically.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 647
	DOSE: 0.0%	DISP: Natural Death	HISTO: 9700003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart	Atrium	Mineralization	Minimal
		Thrombosis	Marked
	[Thrombosis TGLS = 7-3]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
	Note: TGL#5-4-NCL: Pale kidneys, documented at necropsy, due to early autolytic change.		
* Liver		Inflammation	Chronic Active, Mild
		Necrosis	Mild
	[Necrosis TGLS = 6-4+5]		
* Lung			
	Note: Neutrophilia in alveolar capillaries.		
* Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
	Note: Foreign bodies are hair		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Natural Death	DAY ON TEST: 647 HISTO: 9700003
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: Only one preputial gland available for histopathologic examination.
[Cyst TGLS = 2-8]

* Skin	Epidermis	Cyst Epithelial Inclusion Hyperplasia Inflammation Ulcer	Mild Chronic Active, Mild Marked
[Inflammation TGLS = 1-9] [Ulcer TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-4]			

PRIMARY CAUSE OF DEATH	- Heart Atrium Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation;Skin Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland		
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9700005
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland		
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
	[Cyst TGLS = 1-9]		
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
	[Hemangiosarcoma TGLS = 2,3,4-9+3+5]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
	Note: Foreign bodies are hair.		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700006
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2-9]	
		[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]	
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
		[Cyst TGLS = 1-8]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9700007
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland		
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 713
DOSE: 0.0% **DISP:** Natural Death **HISTO:** 9700008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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INSUFFICIENT TISSUE

* Pancreas

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 1-9]		Adenoma	
* Kidney		Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Necrosis	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland [Cyst TGLS = 2-8]	Duct	Cyst	Mild
* Prostate		Inflammation	Suppurative, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH - Kidney Inflammation
CONTRIBUTORY CAUSE OF DEATH - Prostate Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9700009
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9700010
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
		[Eosinophilic Focus TGLS = 4-10]	
		[Hepatocellular Adenoma TGLS = 3,5-5+9]	
* Lung		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Hemangiosarcoma	Metastatic (Bone Marrow)
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Mineralization	Minimal
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-10]	
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Mild
* Seminal Vesicle		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
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Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700010

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-9]

* Spleen		Hemangiosarcoma	Metastatic (Bone Marrow)
		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 727
DOSE: 0.0% **DISP:** Terminal Sacrifice **HISTO:** 9700011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 1,2-5+3]			
[Mixed Cell Focus TGLS = 3-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

Note: Foreign bodies are hair.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2,3-9+10]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 526

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Alveolus	Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]	Infiltration Cellular	Histiocyte, Marked
* Preputial Gland		Atrophy	Mild
	[Atrophy TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Hepatoblastoma Hepatocellular Adenoma Inflammation Mixed Cell Focus	Chronic Active, Minimal
		[Hepatocellular Adenoma TGLS = 2-5] [Mixed Cell Focus TGLS = 1-4]	
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700014

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-4]			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 652

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: 9700016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Brain	Neuron	Necrosis	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Islets, Pancreatic Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Brain Neuron Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Intestine Small, Jejunum [Carcinoma TGLS = 9-10]		Carcinoma	
* Kidney		Infiltration Cellular Mineralization	Mononuclear CI, Minimal Minimal
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Multiple Marked
<p>Note: TGL#7-11-NCL: Focus, documented at necropsy, not apparent histologically. [Hepatocellular Adenoma TGLS = 5,6-4+9] [Hepatocellular Carcinoma TGLS = 2,3,4-7+9+5] [Necrosis TGLS = 1-10]</p>			
* Lung [Hepatocellular Carcinoma TGLS = 10,11-10+3]		Hepatocellular Carcinoma	Metastatic (Liver)
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
<p>Note: Foreign bodies are hair.</p>			
* Pancreas			
<p>Note: TGL#3-9: Nodule, documented at necropsy, is hepatocellular carcinoma.</p>			
* Preputial Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700017
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 8-8]		Infiltration Cellular	Mononuclear CI, Minimal
* Sem Ves			
Note: TGL#2-7: Nodule, documented at necropsy, is hepatocellular carcinoma.			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL#1-10: Mesenteric fat nodules, documented at necropsy, are numerous pieces of infarcted liver neoplasm histologically.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Basophilic Focus Hepatocellular Adenoma Inflammation Necrosis	 Chronic Active, Minimal Mild
	[Basophilic Focus TGLS = 4-9] [Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-9]		
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	 Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700018

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]

[Inflammation TGLS = 1-8]

* Salivary Glands

* Stomach, Glandular

Glands

Infiltration Cellular

Ectasia

Mononuclear CI, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700019
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 3-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-4]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 501

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Sarcoma	
Note: BRAIN SARCOMA IS DEEP INVASION.			
Harderian Gland		Sarcoma	Metastatic (Brain)
[Sarcoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Lung	Mediastinum	Sarcoma	Metastatic (Brain)
[Sarcoma TGLS = 4-3]			
* Skin	Subcut Tiss	Sarcoma	Metastatic (Brain)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	Epithelium	Inflammation	Chronic Active, Mild
		Ulcer	Marked
* Thymus		Hemorrhage	Marked
		Necrosis	Marked
[Hemorrhage TGLS = 3-6]			
[Necrosis TGLS = 3-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 501

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700022

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Lung Sarcoma Brain

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 3-10] [Hepatocellular Carcinoma TGLS = 2-9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700023

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Cyst	Mild
* Kidney	Cortex	Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	 Multiple Chronic Active, Minimal
	[Clear Cell Focus TGLS = 3-10] [Hepatocellular Adenoma TGLS = 1,2-9]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700024

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild
		[Clear Cell Focus TGLS = 3,4-10+9]	
		[Hepatocellular Adenoma TGLS = 2,5,6-5+9+10]	
* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Mild
* Seminal Vesicle	Bilateral	Dilatation	Marked
		[Dilatation TGLS = 1-7]	
* Stomach, Glandular	Glands	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700025

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Lymphoma Malignant	
		Mixed Cell Focus	
[Lymphoma Malignant TGLS = 3-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9700026
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular Lymphoma Malignant	Mononuclear CI, Minimal
* Spleen [Lymphoma Malignant TGLS = 2-4]		Lymphoma Malignant	
* Stomach, Forestomach [Hyperplasia TGLS = 5-10]	Epithelium	Hyperplasia	Moderate
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* 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	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Mild
Note: Only one adrenal gland available for histological examination.			
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Inflammation	Chronic Active, Minimal
[Hepatoblastoma TGLS = 2-9]			
* Lung		Hepatoblastoma	Metastatic (Liver)
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Pancreas		Hepatoblastoma	Metastatic (Liver)
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Moderate
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700027

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
Tooth	Malformation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 4-9]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland			
Note: TGL#2-9: Mammary gland mass, documented at necropsy, is subcutaneous hemangiosarcoma histologically.			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700028
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Hemangiosarcoma TGLS = 2-9]	Subcut Tiss	Hemangiosarcoma	
* Spleen [Hemangiosarcoma TGLS = 3-4]		Hemangiosarcoma Hematopoietic Cell Proliferation	Metastatic (Skin) Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 643

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Jejunum [Carcinoma TGLS = 5-10]	Carcinoma	
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 1,3-9+10]		
[Necrosis TGLS = 2,4-4+5]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma; Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
[Hyperplasia TGLS = 5-5]			
Mesentery		Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Marked
[Necrosis TGLS = 4-9]			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Pancreas	Acinus	Atrophy Fibrosis Inflammation	Marked Marked Chronic Active, Moderate
* Preputial Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700030

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
		Ulcer	Marked
[Hyperplasia TGLS = 2-10]			
[Inflammation TGLS = 2,3-10+9]			
[Ulcer TGLS = 2,3-10+9]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Inflammation	Granulomatous, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone	Cranium	Hyperostosis	Mild
[Hyperostosis TGLS = 7-11]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 4,5,6-10+9]			
[Hepatocellular Carcinoma TGLS = 3-4]			
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

Note: Foreign bodies are hair.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700032

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 4-10]	
		[Hepatocellular Carcinoma TGLS = 3-9]	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 2-9]	
* Nose		Foreign Body	
		Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9700033
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 617

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Fibrosis	Moderate
		Hepatoblastoma	
		Hepatocellular Carcinoma	
		Infarct	Marked
		Mineralization	Moderate
		Necrosis	Mild
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Moderate

[Hepatoblastoma TGLS = 1-10]
 [Hepatocellular Carcinoma TGLS = 3-9]
 [Infarct TGLS = 3-9]
 [Mineralization TGLS = 3-9]
 [Necrosis TGLS = 2-5]

* Lung	Alveolar/Bronchiolar Adenoma
	[Alveolar/Bronchiolar Adenoma TGLS = 4-9]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 617
	DOSE: 0.0%	DISP: Natural Death	HISTO: 9700034

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery
Note: TGL#3-9: Mesenteric fat nodule, documented at necropsy, is a small piece of liver containing an adenoma one portion of which is infarcted & mineralized.

* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatoblastoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9700035
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 3,7-4+5]		
	[Hepatocellular Carcinoma TGLS = 4-9]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 6-3]		
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9700035
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 1-8]	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle [Dilatation TGLS = 5-7]		Dilatation	Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-4] [Hyperplasia TGLS = 2-4]		Hemangiosarcoma Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hemangiosarcoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
[Hemangiosarcoma TGLS = 3-9]			
* Lung		Hemangiosarcoma	Metastatic (Liver)
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700036

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-4]

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Moderate Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infarct	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Hepatocellular Adenoma Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 4-5]		
	[Mixed Cell Focus TGLS = 2-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-3]		
* Preputial Gland	Duct	Cyst Infiltration Cellular	Moderate Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700037

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Carcinoma	Mild Mild
* Intestine Small, Jejunum [Carcinoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Minimal
* Liver		Basophilic Focus Inflammation	Chronic Active, Minimal
Oral Mucosa Note: Foreign bodies are hair.	Gingival	Foreign Body	
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Mild
[Cyst TGLS = 2-8]			
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 3-9]		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700038

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* 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 TGLS = 1-6]	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.	Gingival	Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular [Hyperplasia TGLS = 1-2]		Hyperplasia	Lymphoid, Mild
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland [Cyst TGLS = 2-8]	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin		Inflammation	Chronic Active, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700041

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Minimal
* Islets, Pancreatic		Infarct	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Mild Minimal Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma Inflammation	 Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-4]			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	 Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700042

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Moderate
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-9]			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Moderate Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Gallbladder			
Note: Gallbladder is on slide #09.			
* Intestine Small, Duodenum		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Mild
[Eosinophilic Focus TGLS = 1-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Moderate
Note: Foreign bodies are hair.			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700044

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Infarct Infiltration Cellular Mineralization Nephropathy Hemangiosarcoma Inflammation	Minimal Minimal Mononuclear CI, Minimal Minimal Mononuclear CI, Minimal Minimal Minimal Metastatic (Spleen) Chronic Active, Minimal
* Epididymis			
* Kidney			
* Liver			
[Hemangiosarcoma TGLS = 3-9]			
Mesentery		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: 9700045

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 2-9]		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 4-10]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
* Lung		Carcinoma	Metastatic (Intestine Small, Jejunum)
Mesentery		Inflammation	Granulomatous, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700046

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1,2-9+10]	Ulcer	Marked
[Ulcer TGLS = 1,2-9+10]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Minimal
* Islets, Pancreatic		Infarct	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Mesentery		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700049

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate

Infiltration Cellular

Mononuclear CI, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	[Eosinophilic Focus TGLS = 3-9]		
	[Hepatocellular Carcinoma TGLS = 2-4]		
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Salivary Glands		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Hepatocellular Adenoma Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-9]			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Moderate
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700051

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Mild
* Intestine Small, Jejunum [Hyperplasia TGLS = 5-10]	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Adenoma	Mononuclear CI, Minimal
		Infiltration Cellular	Minimal
		Mineralization	Minimal
		Nephropathy	
[Adenoma TGLS = 2-11]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 6-4]			
[Hepatocellular Carcinoma TGLS = 4-9]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-10]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700052

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]

* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver			
Note: TGL#1-9-NCL: Liver focus, documented at necropsy, not demonstrable histologically.			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-5]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 1-8]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLS = 4-10]		
	[Hepatocellular Adenoma TGLS = 2,3-5+9]		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 1-7]		
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Nose		Foreign Body	Moderate
		Inflammation	Chronic Active, Moderate
	Note: Foreign bodies are hair.		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Moderate
	Note: Foreign bodies are hair.		
* Preputial Gland	Duct	Cyst	Mild
	[Cyst TGLS = 2-8]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700057

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-4]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Pigmentation	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Carcinoma Hyperplasia	Moderate
[Carcinoma TGLS = 5-9]			
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Carcinoma Hepatocellular Carcinoma	Metastatic (Islets, Pancreatic)
	Bile Duct	Hyperplasia Inflammation	Mild Chronic Active, Mild
[Carcinoma TGLS = 6,7-11+10]			
[Hepatocellular Carcinoma TGLS = 4-9]			
* Lung		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

Note: Foreign bodies are hair.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 3 DOSE: 0.075%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9700059
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Marked
* Preputial Gland [Cyst TGLS = 3-8]	Duct	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin [Hyperplasia TGLS = 1-11] [Inflammation TGLS = 1,2-11+10] [Ulcer TGLS = 1,2-11+10]	Epidermis	Hyperplasia Inflammation Ulcer	Moderate Chronic Active, Moderate Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 2-9]			
* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Seminal Vesicle	Bilateral	Dilatation	Mild
[Dilatation TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* 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	Capsule	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-9]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hyperplasia Carcinoma	Minimal Mild
* Intestine Small, Duodenum [Carcinoma TGLS = 8-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver [Eosinophilic Focus TGLS = 6-11] [Hepatocellular Adenoma TGLS = 3,4,5,7-5+10+9]		Eosinophilic Focus Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland [Cyst TGLS = 1-8]	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Mild
* Seminal Vesicle [Dilatation TGLS = 2-7]		Dilatation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700062

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 1-9]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
Note: TGL#4-10: Second liver focus, documented at necropsy, not demonstrable histologically.			
[Eosinophilic Focus TGLS = 5-9]			
[Hemangiosarcoma TGLS = 4-10]			
[Hepatocellular Adenoma TGLS = 3-5]			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 3

DOSE: 0.075%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 9700064

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

* Thymus

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial GI			
Note: Only one preputial gland available for histological examination.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-9]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700065

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
		Infiltration Cellular	Eosinophil, Mild
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Carcinoma	Minimal Mild Mononuclear CI, Minimal
* Epididymis			
* Intestine Small, Jejunum [Carcinoma TGLS = 3-10]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct Infiltration Cellular Metaplasia Mineralization Nephropathy	Minimal Minimal Mononuclear CI, Minimal Osseous, Minimal Minimal Minimal
<p>Note: Focus of osseous metaplasia contains an element of hematopoietic cell proliferation.</p>			
* Liver		Eosinophilic Focus	
* Lung		Inflammation	Chronic Active, Mild
Mesentery [Necrosis TGLS = 2-9]	Fat	Necrosis	Marked
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial GI			
<p>Note: TGL#1-8-NCL: Preputial gland within normal limits histopathologically.</p>			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 3

DOSE: 0.075%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 727

HISTO: 9700068

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Mononuclear CI, Mild

* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Mild
Harderian Gland		Adenoma	
		Inflammation	Chronic, Mild
Note: Chronic inflammation surrounds a foreign body (hair). [Adenoma TGLS = 1-9]			
* Heart		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 2-8]			
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700069

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-4]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Germinal Epith	Atrophy	Mild
Tooth		Malformation	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700070

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Hyperplasia	Mild Minimal Mild
* Adrenal Medulla		Infiltration Cellular	Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Sodium nitrite
 CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
 Time Report Requested: 22:46:18
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 644
	DOSE: 0.075%	DISP: Natural Death	HISTO: 9700072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Fibrosarcoma	Metastatic (Uncertain Primary Site)
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-4]			
* Lung	Mediastinum	Alveolar/Bronchiolar Adenoma	
		Fibrosarcoma	Metastatic (Uncertain Primary Site)
		Fibrosarcoma	Metastatic (Uncertain Primary Site)
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 3-6]			
[Fibrosarcoma TGLS = 4-6]			
* Lym Node Mesen			
Note: TGL#2: Enlarged mesenteric lymph node, documented at necropsy, is necrotic mesenteric fat nodule histopathologically.			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-5]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 644

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700072

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Adenoma;Lung Mediastinum Fibrosarcoma Uncertain Primary Site;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* 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 Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infarct	Moderate
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Mild Minimal Mild
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst Infiltration Cellular Inflammation	Mild Mononuclear CI, Minimal Chronic Active, Minimal
[Cyst TGLS = 1-8]			
* Thymus		Cyst	Minimal
Tooth		Malformation Odontoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-10]			
* Intestine Small, Duodenum		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 4-9]			
[Hepatoblastoma TGLS = 3-4]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700075

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]	Infiltration Cellular	Mononuclear CI, Mild
* Seminal Vesicle	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Cyst	Minimal
Tooth	Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1-5]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland	Duct	Cyst	Minimal
	[Cyst TGLS = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77	TRT#: 3 DOSE: 0.075%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9700077
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver			
Note: TGL#2-9-NCL: Liver nodule, documented at necropsy, not demonstrable histologically.			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia Infiltration Cellular	Mild Mononuclear CI, Minimal
* Islets, Pancreatic		Mineralization Nephropathy	Minimal Minimal
* Kidney		Basophilic Focus Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	 Multiple
			[Clear Cell Focus TGLS = 3,6-9+10]
			[Eosinophilic Focus TGLS = 6-10]
			[Hepatocellular Adenoma TGLS = 2,4,5,7,-10+9+4+5]
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Moderate
			[Cyst TGLS = 1-8]
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700078

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Clear Cell Focus TGLS = 3-10]			
[Hepatocellular Adenoma TGLS = 2-9]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 2-9]			
* Liver		Eosinophilic Focus	
Note: TGL#3-9-NCL: Nodule, documented at necropsy, not apparent histologically.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

DOSE: 0.075%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 728

HISTO: 9700080

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Mild
* Kidney		Mineralization Nephropathy	Minimal Mild
[Nephropathy TGLS = 2-4]			
* Liver		Hepatocellular Adenoma Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1-4]			
* Lymph Node, Mesenteric		Ectasia	Moderate
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700081

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Small, Duodenum		Ectasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver			
Note: TGL#1-5-NCL: Liver focus, documented at necropsy, not demonstrable histologically.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Mild Mononuclear CI, Minimal
* Epididymis		Polyp Adenomatous	
* Intestine Small, Duodenum		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma Hepatocellular Adenoma Hepatocellular Carcinoma	
<p>Note: Hepatic hemangiosarcoma also on slide #05. [Hemangiosarcoma TGLS = 1,3-10+4] [Hepatocellular Adenoma TGLS = 2-9] [Hepatocellular Carcinoma TGLS = 1-10]</p>			
Oral Mucosa	Gingival	Foreign Body	
<p>Note: Foreign bodies are hair.</p>			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 3 DOSE: 0.075%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700083
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 3 DOSE: 0.075%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700084
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Adenoma	Moderate Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 612

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* 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	Capsule	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Mineralization	Mild
		Nephropathy	Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
Note: Only one preputial gland available for histopathologic examination.			
[Inflammation TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Mineralization	Minimal
		Necrosis	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
Mesentery		Mineralization	Moderate
		Pigmentation	Moderate
[Mineralization TGLS = 2-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700086

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 444

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
	Artery	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
Mesentery	Artery	Inflammation	Chronic Active, Mild
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Prostate	Artery	Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

- Pancreas Artery Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Heart Artery Inflammation;Kidney Artery Inflammation;Mesentery Artery Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2,3-4+9]			
[Hepatocellular Carcinoma TGLS = 1-9]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 4-8]			
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700088

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Foreign bodies are hair.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia Infiltration Cellular	Mild Mononuclear CI, Minimal
* Islets, Pancreatic		Mineralization Nephropathy	Minimal Minimal
* Kidney		Eosinophilic Focus Hepatocellular Adenoma	
* Liver			
	[Eosinophilic Focus TGLS = 5-9]		
	[Hepatocellular Adenoma TGLS = 3,4-5+9]		
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700089

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Cyst	Mild
* Kidney	Cortex	Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Mild Minimal Minimal
* Liver		Basophilic Focus Clear Cell Focus Inflammation Necrosis	Chronic Active, Minimal Mild
[Basophilic Focus TGLS = 2-5]			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700090

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Heart	Artery	Inflammation	Chronic Active, Mild
* Intestine Small, Duodenum		Ectasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung	Mediastinum Mediastinum	Inflammation Pigmentation	Chronic Active, Moderate Moderate
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700091

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Artery	Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thyroid Gland		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700092

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Minimal
[Cyst TGLS = 4-9]			
* Liver		Hepatocellular Carcinoma Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 3-4]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-9]			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
Blood Vessel	Aorta	Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Artery	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-9]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: 0.075%	DISP: Terminal Sacrifice	HISTO: 9700094

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Note: TGL#2-9-NCL: Kidney cyst, documented at necropsy, not demonstrable histologically.			
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700095

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 637

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Coagulating Gland		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Nephropathy TGLS = 3-4]			
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 2-9]			
[Necrosis TGLS = 2-9]			
* Prostate		Inflammation	Chronic Active, Mild
* Urin Bladder			

Note: TGL#1-4: Dilatation of urinary bladder, documented at necropsy, is confirmed histologically.

PRIMARY CAUSE OF DEATH

- Prostate Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Coagulating Gland Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 601

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Mineralization	Minimal
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Prostate		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Natural Death

DAY ON TEST: 643
HISTO: 9700101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Marked
		Sarcoma	
[Sarcoma TGLS = 3,4-4+9]			
* Lung		Sarcoma	Metastatic (Liver)
[Sarcoma TGLS = 6-3]			
Mesentery		Sarcoma	Metastatic (Liver)
[Sarcoma TGLS = 1,2-9+10]			
* Pancreas			
Note: TGL#2-9: Pancreatic nodules, documented at necropsy, are nodules of metastatic Sarcoma, primary liver, involving the mesentery.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Sarcoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH

- Liver Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Necrosis;Lung Sarcoma Liver;Mesentery Sarcoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Natural Death

DAY ON TEST: 643
HISTO: 9700101

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* 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 Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Minimal
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	 Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 577
HISTO: 9700103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histopathological examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Necrosis	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 2-9]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-9]			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700104

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
	Artery	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
	[Hepatocellular Carcinoma TGLS = 2-9]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Mild
	[Cyst TGLS = 1-8]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700105

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
Tooth	Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histological examination.			
* Epididymis		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Marked
		Inflammation	Granulomatous, Marked
			[Hyperplasia TGLS = 2-5]
			[Inflammation TGLS = 2-5]
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
			[Cyst TGLS = 1-8]
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700106

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands
* Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation

Mononuclear CI, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose		Foreign Body	
		Inflammation	Suppurative, Minimal
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
Note: Only one preputial gland available for histologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 707
HISTO: 9700108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Marked
		Infiltration Cellular	Plasma Cell, Mild
		Inflammation	Suppurative, Moderate
		Nephropathy	Moderate
[Inflammation TGLS = 7-4]			
[Nephropathy TGLS = 6-4]			
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
Note: Only one lumbar lymph node available for histopathologic examination.			
[Hyperplasia TGLS = 8-9]			
[Hyperplasia TGLS = 5-10]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal

Note: Foreign bodies are hair.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 707

DOSE: 0.15%

DISP: Moribund Sacrifice

HISTO: 9700108

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Inflammation TGLS = 1-8]		Inflammation	Suppurative, Moderate
* Prostate		Inflammation	Suppurative, Moderate
* Seminal Vesicle		Inflammation	Suppurative, Marked
* Skin	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 4-9]			
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Urin Bladder			
Note: TGL#2-4: Dilatation of urinary bladder, documented at necropsy, confirmed histologically.			

PRIMARY CAUSE OF DEATH

- Seminal Vesicle Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Kidney Inflammation; Prostate Inflammation; Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-10]			
[Inflammation TGLS = 1-10]			
[Mixed Cell Focus TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Inflammation	Chronic Active, Minimal
[Hepatoblastoma TGLS = 2-4]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Intestine Small, Duodenum		Carcinoma	Metastatic (Intestine Small, Jejunum)
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 3-10]			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Mesentery		Inflammation	Granulomatous, Moderate
		Pigmentation	Marked
* Preputial Gland	Duct	Cyst	Minimal
[Cyst TGLS = 2-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700111

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Adenoma	Minimal Minimal Mononuclear CI, Minimal
* Epididymis Harderian Gland [Adenoma TGLS = 1-9]			
* Islets, Pancreatic * Kidney [Infarct TGLS = 2-4] [Nephropathy TGLS = 2-4]		Hyperplasia Infarct Infiltration Cellular Mineralization Nephropathy	Mild Mild Mononuclear CI, Minimal Minimal Mild
* Preputial Gland * Prostate * Salivary Glands * Stomach, Glandular * Thymus	Glands	Infiltration Cellular Infiltration Cellular Infiltration Cellular Ectasia Cyst	Mononuclear CI, Mild Mononuclear CI, Minimal Mononuclear CI, Minimal Mild Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Nose
* Prostate
* Stomach, Forestomach
* Trachea

Blood Vessel
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Pancreas
* Seminal Vesicle
* Testes
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Lymph Node, Mandibular
* Parathyroid Gland
* Skin
* Thymus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Epididymis
* Islets, Pancreatic
* Kidney

Capsule

Hyperplasia
Infiltration Cellular
Hyperplasia
Infiltration Cellular
Mineralization
Nephropathy
Clear Cell Focus
Eosinophilic Focus
Hepatocellular Adenoma
Mixed Cell Focus

Minimal
Mononuclear Cl, Minimal
Mild
Mononuclear Cl, Minimal
Minimal
Minimal

* Liver

[Clear Cell Focus TGLS = 3-9]
[Eosinophilic Focus TGLS = 3-9]
[Hepatocellular Adenoma TGLS = 2-4]
[Mixed Cell Focus TGLS = 2-4]

* Lung
* Preputial Gland

Duct

Alveolar/Bronchiolar Carcinoma
Cyst
Infiltration Cellular

Mild
Mononuclear Cl, Minimal

[Cyst TGLS = 1-8]

* Salivary Glands

Infiltration Cellular

Mononuclear Cl, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700113

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Glands

Ectasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* 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
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Bone	* Bone Marrow	* Gallbladder	* Mammary Gland
* Nose			

OBSERVATIONS

* Adrenal Cortex	Zona Fasciut	Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal

Note: TGL#7: Liver adhesion, documented at necropsy, is metastatic hepatoblastoma to adjacent mesentery.

[Eosinophilic Focus TGLS = 12-12]

[Hepatoblastoma TGLS = 6-5]

[Hepatocellular Adenoma TGLS = 9,10-11+9]

[Hepatocellular Carcinoma TGLS = 8-4]

* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Lumbar	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700114

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
Note: TGL#5-12: Enlarged pancreatic lymph node, documented at necropsy, is metastatic hepatoblastoma involving the mesentery.			
	[Lymphoma Malignant TGLS = 2-9]		
	[Lymphoma Malignant TGLS = 11-6]		
	[Lymphoma Malignant TGLS = 3-11]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-5]		
Mesentery		Hepatoblastoma	Metastatic (Liver)
	[Hepatoblastoma TGLS = 5,7-12+10]		
* Preputial Gland	Duct	Cyst	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Epididymis Harderian Gland [Carcinoma TGLS = 1-10]		Infiltration Cellular Carcinoma	Mononuclear CI, Minimal
* Islets, Pancreatic * Kidney		Hyperplasia Infiltration Cellular Mineralization Nephropathy	Moderate Mononuclear CI, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Inflammation	Chronic Active, Minimal
* Lung [Carcinoma TGLS = 3-3]		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular [Carcinoma TGLS = 2-9]		Carcinoma	Metastatic (Harderian Gland)
* Preputial Gland * Prostate		Infiltration Cellular Infiltration Cellular	Mononuclear CI, Minimal Mononuclear CI, Minimal
* Stomach, Glandular Tooth	Glands	Ectasia Malformation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700115

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Minimal Mononuclear CI, Minimal
* Epididymis		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Minimal
[Cyst TGLS = 2-9]			
* Liver		Clear Cell Focus Vacuolization Cytoplasmic	
* Preputial Gland	Duct	Cyst Infiltration Cellular	Minimal Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700116

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal

Note: TGL#3-9-NCL: Renal focus, documented at necropsy, not demonstrable histologically.

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-10]		
* Preputial Gland	Duct	Cyst	Minimal
	[Cyst TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urin Bladder			

Note: TGL#2-4-NCL: Discoloration of urinary bladder, documented at necropsy, due to presence of RBCs in bladder lumen.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Necrosis	Minimal
Note: TGL#1-9-NCL: Liver focus, documented at necropsy, not demonstrable histologically.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Erosion	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 667

DOSE: 0.15%

DISP: Moribund Sacrifice

HISTO: 9700119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Jejunum		Intussusception	
[Intussusception TGLS = 3-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
* Liver		Inflammation	Chronic Active, Mild
		Necrosis	Mild
[Inflammation TGLS = 2-9]			
[Necrosis TGLS = 2-9]			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	Epithelium	Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Hyperplasia TGLS = 4-10]			
* Stomach, Glandular		Mineralization	Minimal
* Testes	Germinal Epith	Necrosis	Mild
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 667
HISTO: 9700119

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

CONTRIBUTORY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
	[Eosinophilic Focus TGLS = 4,5-10+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-10]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 2-9]		
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Mild
	[Cyst TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700120

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

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

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
		Carcinoma	
[Adenoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
Note: Stasis of secretion present in some of the prostatic acini.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700121

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
[Hyperplasia TGLS = 3-6]			
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Int Sm Jejunum			
Note: TGL#5-4+9: Jejunal nodule, documented at necropsy, is mesenteric granulomatous inflammatory nodule histologically.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 4-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
Mesentery		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 5-4+9]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700122

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-9]			
* Stomach, Glandular	Glands	Ectasia	Minimal
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		[Eosinophilic Focus TGLS = 2,3-10+9]	
		[Mixed Cell Focus TGLS = 4-9]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		[Cyst TGLS = 1-8]	
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hemangiosarcoma	
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700124

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-9]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Interstitialium	Inflammation	Chronic Active, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]			
* Seminal Vesicle	Bilateral	Dilatation	Marked
[Dilatation TGLS = 1-7]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 2-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700126

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2,5,6-10+9+10]			
[Hepatocellular Adenoma TGLS = 3,4-9+4]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Note: TGL#2-4: NCL: Right kidney nodules, documented at necropsy, were found to be subcapsular fat at trim.			
* Liver		Inflammation	Chronic Active, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Mineralization	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-5]			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 2-9]			
* Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700130

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 664

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hemangiosarcoma	
		Lymphoma Malignant	
[Hemangiosarcoma TGLS = 3-9]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
Note: TGL#6-11- NCL: Enlarged lumbar lymph node, documented at trim, is skeletal muscle containing a blood clot histopathologically.			
[Lymphoma Malignant TGLS = 4-10]			
[Lymphoma Malignant TGLS = 1-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Skin	Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hemangiosarcoma	Metastatic (Liver)
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 664

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700132

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-4]

* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Liver Hemangiosarcoma; Liver Lymphoma Malignant; Lung Lymphoma Malignant; Lymph Node Mediastinal Lymphoma Malignant; Lymph Node Renal Lymphoma Malignant; Lymph Node; Mesenteric Lymphoma Malignant; Salivary Glands Lymphoma Malignant; Seminal Vesicle Lymphoma Malignant; Thymus Lymphoma Malignant

Animal Note: This animal's tissues are moderately to severely autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 2-9]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Testes	Interstit Cell	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Mineralization	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700134

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Natural Death

DAY ON TEST: 643
HISTO: 9700135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Hydronephrosis TGLS = 3-4]			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Prostate		Inflammation	Chronic Active, Moderate
* Urin Bladder			
Note: TGL#2-4 Dilatation, documented at necropsy, is confirmed histologically.			

PRIMARY CAUSE OF DEATH

- Kidney Hydronephrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* 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	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal

[Cyst TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Moderate
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 2-9]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: TGL#5-11-NCL: Liver focus, documented at necropsy, not demonstrable histologically.			
[Clear Cell Focus TGLS = 5-3]			
[Hepatocellular Adenoma TGLS = 3,4-5+9]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-10]			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700137

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus		
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		[Hepatocellular Adenoma TGLS = 2,5-4+10]	
		[Hepatocellular Carcinoma TGLS = 1-9]	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
		[Alveolar/Bronchiolar Adenoma TGLS = 3,4-3+9]	
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700138

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Prostate	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-4]			
[Eosinophilic Focus TGLS = 2-4]			
[Mixed Cell Focus TGLS = 2-4]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700139

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]

* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

* Stomach, Glandular

Glands

Ectasia

Minimal

Tooth

Odontoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-9]			
[Hepatocellular Adenoma TGLS = 2-4]			
[Mixed Cell Focus TGLS = 3-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Parathyroid Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700140

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
			[Cyst TGLS = 1-8]
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: Metastatic alveolar-bronchiolar carcinoma also on slide #03.			
[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]			
[Alveolar/Bronchiolar Carcinoma TGLS = 5-10]			
[Infiltration Cellular TGLS = 4-3]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700142

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	Epithelium	Inflammation	Chronic Active, Minimal
	[Hyperplasia TGLS = 6-11]		
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum		Inflammation	Chronic Active, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild

Note: TGL#6-11: One of three foci demonstrated histologically.

[Clear Cell Focus TGLS = 1,4,5-9+10+9]

[Hepatocellular Adenoma TGLS = 2,3-9+10]

[Mixed Cell Focus TGLS = 1,6-9+11]

Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal

Note: Foreign bodies are hair.

* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Mild
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700143

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands
* Spleen
* Thymus

Infiltration Cellular
Hematopoietic Cell Proliferation
Cyst

Mononuclear CI, Minimal
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 596

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

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

* Epididymis	Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
	Mineralization	Minimal
* Liver	Hepatocellular Carcinoma	
	Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1-9]		
* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2,3-9+4]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Mild
* Bone Marrow		Hemorrhage	Mild
		Thrombosis	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 2-10]		
	[Hyperplasia TGLS = 3-10]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-9]		
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700146

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Natural Death

DAY ON TEST: 641
HISTO: 9700147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* 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

* Heart		Mineralization	Minimal
* Intestine Small, Ileum		Parasite Metazoan	
* Intestine Small, Jejunum		Leiomyosarcoma	
Note: TGL#3-5 Dilatation, documented at necropsy, is confirmed histologically. [Leiomyosarcoma TGLS = 2-9]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
* Lung	Mediastinum	Inflammation	Suppurative, Moderate
* Preputial Gland		Atrophy	Moderate
[Atrophy TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Leiomyosarcoma
CONTRIBUTORY CAUSE OF DEATH - Lung Mediastinum Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 2-9]		
* Lung		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Preputial Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear Cl, Minimal
* Epididymis		Hyperplasia	Marked
* Intestine Small, Duodenum		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Inflammation Pigmentation	Multiple Chronic Active, Minimal Mild
	[Hepatocellular Adenoma TGLS = 3,4-9] [Hepatocellular Carcinoma TGLS = 2-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-3]		
* Nose		Foreign Body Inflammation	Minimal Chronic Active, Minimal
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5
DOSE: 0.15%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700149

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Foreign bodies are hair.	Gingival	Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Hypertrophy	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-5]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fascult	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Minimal
* Islets, Pancreatic		Infarct	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Clear Cell Focus	
Note: TGL#2-5-NCL: Liver deformity, documented at necropsy not demonstrable histologically.			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fascult	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Carcinoma TGLS = 1-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5,6,7-9+5+10]			
[Hepatocellular Adenoma TGLS = 5-9]			
[Mixed Cell Focus TGLS = 4-9]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700154

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

* Skin Pinna, Subcut Tiss

Infiltration Cellular

Mononuclear CI, Minimal

Melanoma Malignant

Note: SKIN MELANOMA MAL IS AMELANOTIC.

[Melanoma Malignant TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 629

DOSE: 0.30%

DISP: Moribund Sacrifice

HISTO: 9700155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Infarct	Marked
		Mineralization	Minimal

Note: TGL#5-4: Renal infarction.

[Infarct TGLS = 5-4]

* Liver

Alveolar/Bronchiolar Carcinoma
Hepatocellular Adenoma

Metastatic (Lung)

[Alveolar/Bronchiolar Carcinoma TGLS = 4-5]

[Hepatocellular Adenoma TGLS = 3-5]

* Lung

Mediastinum

Alveolar/Bronchiolar Carcinoma
Alveolar/Bronchiolar Carcinoma
Alveolar/Bronchiolar Carcinoma
Hemorrhage
Necrosis

Metastatic (Lung)

Metastatic (Lung)

Marked

Marked

Note: TGL#7-10 Pulmonary Infarction

[Alveolar/Bronchiolar Carcinoma TGLS = 8,9-9]

[Alveolar/Bronchiolar Carcinoma TGLS = 6-10]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 629

DOSE: 0.30%

DISP: Moribund Sacrifice

HISTO: 9700155

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 10-9]

[Necrosis TGLS = 7-10]

Mesentery		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Pancreas		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Preputial Gland	Duct	Cyst	Mild
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
	Epithelium	Inflammation	Chronic Active, Minimal
		Ulcer	Marked
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Heart Alveolar/Bronchiolar Carcinoma Lung;Kidney Alveolar/Bronchiolar Carcinoma Lung;Kidney Infarct;Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung;Lung Alveolar/Bronchiolar Carcinoma Lung;Lung Hemorrhage;Lung Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Infiltration Cellular Mineralization Nephropathy Eosinophilic Focus Hematopoietic Cell Proliferation Inflammation	Minimal Minimal Mononuclear CI, Minimal Mononuclear CI, Minimal Minimal Minimal Mild Chronic Active, Mild
* Epididymis			
* Kidney			
* Liver			
[Eosinophilic Focus TGLS = 4-5] [Inflammation TGLS = 2,3-4]			
* Lung		Alveolar/Bronchiolar Adenoma Inflammation	Granulomatous, Moderate
* Lymph Node, Mesenteric			
* Preputial Gland [Cyst TGLS = 1-8]	Duct	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
			[Cyst TGLS = 1-8]
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 594

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Kidney		Mineralization	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
Mesentery		Lymphoma Malignant	
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Natural Death

DAY ON TEST: 594
HISTO: 9700159

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Liver Lymphoma Malignant;Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hyperplasia	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Jejunum [Polyp Adenomatous TGLS = 4-9]		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Mild Minimal Minimal
* Liver [Hepatocellular Carcinoma TGLS = 2,3-5+4]		Hepatocellular Carcinoma Inflammation Mixed Cell Focus	Multiple Chronic Active, Minimal
* Lung Oral Mucosa Note: Foreign bodies are hair.	Gingival	Hepatocellular Carcinoma Foreign Body	Metastatic (Liver)
* Preputial Gland [Cyst TGLS = 1-8]	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700160

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands
* Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation

Mononuclear CI, Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 3-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
Note: TGL#1-8-NCL: Cause of black discoloration, documented at necropsy, not apparent histologically.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
Note: Thymus on slide #05.			
* Urin Bladder			
Note: TGL#2-4-NCL: Cause of red discoloration, documented at necropsy, not apparent histologically.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Natural Death

DAY ON TEST: 654
HISTO: 9700162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* 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		Cholangiocarcinoma	Metastatic (Liver)
	Capsule	Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Epididymis		Infiltration Cellular	Mixed Cell, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cholangiocarcinoma	
		Hepatocellular Carcinoma	Multiple
		[Cholangiocarcinoma TGLS = 3-4]	
		[Hepatocellular Carcinoma TGLS = 3,4-4+5]	
* Lung		Cholangiocarcinoma	Metastatic (Liver)
		[Cholangiocarcinoma TGLS = 6,7,8-9+11+9]	
Lymph Node	Pancreatic	Cholangiocarcinoma	Metastatic (Liver)
	Renal	Cholangiocarcinoma	Metastatic (Liver)
		[Cholangiocarcinoma TGLS = 10-10]	
		[Cholangiocarcinoma TGLS = 9-9]	
Mesentery		Cholangiocarcinoma	Metastatic (Liver)
		[Cholangiocarcinoma TGLS = 2-10]	
* Pancreas		Cholangiocarcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162	TRT#: 7 DOSE: 0.30%	SEX: Male DISP: Natural Death	DAY ON TEST: 654 HISTO: 9700162
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 1-8]	Duct	Cyst	Mild
* Prostate		Cholangiocarcinoma	Metastatic (Liver)
* Seminal Vesicle		Cholangiocarcinoma	Metastatic (Liver)
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-4]		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH	- Liver	Cholangiocarcinoma						
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma;Lung	Cholangiocarcinoma	Liver;Mesentery	Cholangiocarcinoma	Liver;Pancreas	Cholangiocarcinoma	Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia Infiltration Cellular	Minimal Mononuclear CI, Minimal
* Islets, Pancreatic		Mineralization Nephropathy	Minimal Minimal
* Kidney		Hepatocellular Adenoma	
* Liver			
[Hepatocellular Adenoma TGLS = 3-4]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-9]			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700164

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct Infiltration Cellular Mineralization Nephropathy	Minimal Mononuclear CI, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-9]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]		
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
	[Cyst TGLS = 1-8]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700165

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Glands
Epithelium

Ectasia
Hyperplasia

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 2,3-9+3]			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Mammary Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Infarct	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 3,4-10+9]			
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700169

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Mild
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Note: Thymus present on slide #05.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Granuloma Sperm	Minimal Minimal Mild
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Inflammation	Chronic Active, Minimal
Note: TGL#2,3-9+10-NCL: Liver foci, documented at necropsy, not demonstrable histologically.			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-9]			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700170

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Atrophy Mineralization	Mild Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Infiltration Cellular Mineralization Nephropathy Inflammation	Minimal Minimal Mononuclear CI, Minimal Mononuclear CI, Minimal Minimal Minimal Chronic Active, Minimal
* Epididymis			
* Kidney			
* Liver			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands Epithelium	Ectasia Hyperplasia	Minimal Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 1-4]			
* Lung		Alveolar/Bronchiolar Adenoma	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
Note: Only one preputial gland available for histological examination.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3,4-5+4]			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Nephropathy	Mononuclear CI, Minimal Minimal
* Liver [Hepatocellular Carcinoma TGLS = 2-4]		Hepatocellular Carcinoma	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland [Cyst TGLS = 1-8]	Duct	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 1-9]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Sodium nitrite
 CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
 Time Report Requested: 22:46:18
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 502

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
		Necrosis	Marked
Note: Pulmonary infarction.			
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Kidney Alveolar/Bronchiolar Carcinoma Lung;Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung;Lung Necrosis;Lymph Node Mediastinal
 Alveolar/Bronchiolar Carcinoma Lung;Thymus Alveolar/Bronchiolar Carcinoma Lung

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 4-4]	
		[Hepatocellular Carcinoma TGLS = 5-9]	
		[Mixed Cell Focus TGLS = 3-4]	
* Lung		Alveolar/Bronchiolar Adenoma	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Moderate
Note: Foreign bodies are hair.			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		[Cyst TGLS = 2-8]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700178

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

* Skin

Inflammation

Chronic Active, Marked

Ulcer

Marked

[Inflammation TGLS = 1-9]

[Ulcer TGLS = 1-9]

* Spleen

Hematopoietic Cell Proliferation

Moderate

* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Moderate
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Marked
* Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	 Chronic Active, Mild
Note: Foreign bodies are hair.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Moderate

[Cyst TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700179

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 685

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-4]			
[Hepatocellular Carcinoma TGLS = 1-9]			
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: This animal's tissues were moderately to severely autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Natural Death

DAY ON TEST: 583
HISTO: 9700181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* 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

* Bone Marrow			
Note: Increased number of megakaryocytes in marrow cavity.			
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-4]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

Animal Note: Thyroid glands and Parathyroid glands are on Slide #06.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Hyperplasia Infiltration Cellular Mineralization Nephropathy Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Mineralization Mixed Cell Focus	Minimal Minimal Mononuclear CI, Minimal Mild Mononuclear CI, Minimal Minimal Minimal Multiple Minimal
* Epididymis			
* Islets, Pancreatic			
* Kidney			
* Liver			
			[Clear Cell Focus TGLS = 3-10]
			[Eosinophilic Focus TGLS = 3-10]
			[Hepatocellular Adenoma TGLS = 2,4,5-9+5+4]
			[Mixed Cell Focus TGLS = 6,7-9]
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
			[Cyst TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700182

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Zona Fasciata	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Mild
[Cyst TGLS = 1-5]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Testes		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700184

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 556

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[Hydronephrosis TGLS = 4-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Congestion	Marked
[Congestion TGLS = 3-9]			
Tooth		Malformation	
* Urin Bladder			

Note: TGL#1-4: Dilatation, documented at necropsy, confirmed histologically.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hypertrophy	Focal, Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-4]			
[Hepatocellular Carcinoma TGLS = 4-9]			
[Mixed Cell Focus TGLS = 6-3]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 3-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700186

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urin Bladder			

Note: TGL#2-NCL: Black discoloration, documented at necropsy, not apparent histologically.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fasciul	Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 549

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Seminal Vesicle	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Ectasia	Mild
Note: Ectatic duct.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Liver		Hemangiosarcoma	
		Necrosis	Moderate
[Hemangiosarcoma TGLS = 6,7-4+5]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hemangiosarcoma	Metastatic (Liver)
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 5-9]			
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188	TRT#: 7 DOSE: 0.30%	SEX: Male DISP: Natural Death	DAY ON TEST: 549 HISTO: 9700188
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Necrosis	Mild
* Testes		Hemangiosarcoma	Metastatic (Liver)
[Hemangiosarcoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Liver Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Hemangiosarcoma Liver; Testes Hemangiosarcoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Intestine Small, Jejunum	Peyers Patch	Inflammation	Granulomatous, Marked
[Inflammation TGLS = 3-9]			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lymph Node	Mediastinal	Inflammation	Granulomatous, Marked
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 2-9]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Ectasia	Minimal Mild Mononuclear CI, Minimal Mild
* Epididymis			
* Intestine Small, Duodenum			
Note: Ectatic duct.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 3-5]			
[Mixed Cell Focus TGLS = 4-9]			
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190	TRT#: 7 DOSE: 0.30%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700190
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 698

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* 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	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Mineralization	Minimal
		Necrosis	Marked
[Hemangiosarcoma TGLS = 2-3+4+9]			
[Hepatocellular Adenoma TGLS = 2-9]			
Lymph Node	Mediastinal	Hemorrhage	Marked
* Lymph Node, Mesenteric		Hemangiosarcoma	Metastatic (Liver)
		Hematopoietic Cell Proliferation	Mild
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,3-4+9]		
* Preputial Gland	Duct	Cyst	Moderate
	[Cyst TGLS = 1-8]	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Mixed Cell Focus	
		Pigmentation	Mild
[Clear Cell Focus TGLS = 2-9]			
[Hepatocellular Adenoma TGLS = 2,3-9+4]			
[Inflammation TGLS = 2-9]			
[Mixed Cell Focus TGLS = 2-9]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7
DOSE: 0.30%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9700194

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]	Infiltration Cellular	Mononuclear CI, Minimal
* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-4]		
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
<p>Note: TGL#2-NCL: Cause of deformity (granular appearance), documented at necropsy, not apparent histologically.</p>			
* Liver	Bile Duct	Hepatocellular Adenoma Hyperplasia Infiltration Cellular	Minimal Mononuclear CI, Minimal
<p>[Hepatocellular Adenoma TGLS = 3-5]</p>			
Oral Mucosa	Gingival	Foreign Body	
<p>Note: Foreign bodies are hair.</p>			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Moderate Mononuclear CI, Mild
<p>[Cyst TGLS = 1-8]</p>			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700195

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Note: Thymus is on slide #05.

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 472

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Minimal Mononuclear CI, Minimal Minimal Minimal
* Lung	Alveolus [Alveolar/Bronchiolar Carcinoma TGLS = 2-3]	Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Duct [Cyst TGLS = 1-8]	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands Epithelium	Ectasia Hyperplasia	Minimal Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[Cyst TGLS = 1-8]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[Cyst TGLS = 4-8]			
* Skin		Inflammation	Chronic Active, Marked
		Ulcer	Marked
[Ulcer TGLS = 1,2,3-9+10+11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-4]			
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201	TRT#: 2 DOSE: 0.0%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 716 HISTO: 9700201
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
		Pigmentation	Mild
* Ovary		Cyst	Marked
		Hemorrhage	Marked
		Mineralization	Mild
		Thrombosis	Moderate
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Ovary Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 580

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histopathologic examination.			
Note: TGL#10-6: Discoloration of left adrenal gland, documented at trim, is hemorrhagic & thrombotic renal lymph node histologically.			
* Brain		Degeneration	Mild
		Hemorrhage	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Heart	Valve	Inflammation	Chronic Active, Mild
Note: Cardiac valvular lesion consistent with bacterial valvular endocarditis.			
* Intestine Small, Duodenum	Epithelium	Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-3+4+5+11]			
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Hemorrhage	Marked
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Hemorrhage TGLS = 10-6]			
[Lymphoma Malignant TGLS = 8-10]			
[Lymphoma Malignant TGLS = 7-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 580
HISTO: 9700202

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant TGLS = 3-2]	Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 9-5]	Lymphoma Malignant	
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Skin [Inflammation TGLS = 1,2-12+8] [Ulcer TGLS = 1,2-12+8]	Inflammation Ulcer	Chronic Active, Moderate Marked
* Spleen [Lymphoma Malignant TGLS = 4-4]	Lymphoma Malignant	
* Thymus	Cyst	Mild
* Urinary Bladder	Lymphoma Malignant	
* Uterus [Hydrometra TGLS = 5-7]	Lymphoma Malignant Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Heart Valve Inflammation;Intestine Small;Duodenum Epithelium Inflammation;Intestine Small;Duodenum Epithelium Ulcer;Kidney Lymphoma Malignant;Liver Lymphoma Malignant;Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular Hyperplasia Lymphoma Malignant Eosinophilic Focus Hepatocellular Adenoma Inflammation Lymphoma Malignant Pigmentation	Mild Minimal Mononuclear CI, Minimal Mild Chronic Active, Minimal Minimal
* Clitoral Gland			
* Islets, Pancreatic			
* Kidney			
* Liver			
[Eosinophilic Focus TGLS = 5-9]			
[Hepatocellular Adenoma TGLS = 3-4]			
[Lymphoma Malignant TGLS = 4,5-8+9]			
* Ovary		Mineralization	Mild
Note: TGL#1-NCL: Cyst, documented at necropsy, not apparent histologically.			
* Stomach, Glandular	Glands	Ectasia Cyst Hydrometra	Minimal Minimal Marked
* Thymus			
* Uterus			
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Ovary
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-8]			
* Lung		Lymphoma Malignant	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-10]			
[Lymphoma Malignant TGLS = 6-6]			
[Lymphoma Malignant TGLS = 4-8]			
[Lymphoma Malignant TGLS = 5-9]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
Mesentery		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204	TRT#: 2 DOSE: 0.0%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700204
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Glandular	Glands	Ectasia	Minimal
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9700206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	Epithelium	Inflammation	Chronic Active, Mild
		Ulcer	Moderate
[Hyperplasia TGLS = 2-5+8]			
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Hematopoietic Cell Proliferation	Minimal
* Spleen		Ectasia	Minimal
* Stomach, Glandular	Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Hydrometra	Moderate
* Uterus			

Note: TGL#2-8-NCL: Liver focus, documented at trim, not demonstrable histologically.

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 663
HISTO: 9700209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

MISSING

* Lymph Node, Mandibular Tongue	* Parathyroid Gland * Trachea	* Salivary Glands	* Thyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hepatocholangiocarcinoma	Metastatic (Liver)
	Capsule	Hyperplasia	Mild
* Esophagus			
Note: Esophagus is on slide #03.			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 1-9]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 3-3]			
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
* Ovary		Cyst	Mild
		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-7]			
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 4-8]			
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 663
HISTO: 9700209

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Hydrometra	Mild
PRIMARY CAUSE OF DEATH	- Liver Hepatocholangiocarcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Hepatocholangiocarcinoma Liver;Lung Hepatocholangiocarcinoma Liver;Lymph Node Mediastinal Hepatocholangiocarcinoma Liver;Mesentery Hepatocholangiocarcinoma Liver;Ovary Hepatocholangiocarcinoma Liver;Pancreas Hepatocholangiocarcinoma Liver;Skeletal Muscle Hepatocholangiocarcinoma Liver;Thymus Hepatocholangiocarcinoma Liver	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 565
HISTO: 9700210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Suppurative, Mild
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Mild
* Urinary Bladder		Inflammation	Chronic Active, Mild
		Mineralization	Mild

[Inflammation TGLS = 2-4]

* Uterus

Note: TGL#1-7-NCL: Dilated uterine horns, documented at necropsy, are within normal limits histologically.

PRIMARY CAUSE OF DEATH

- Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 547
HISTO: 9700213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland * Spleen

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal gland available for histopathological examination.			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Ovary		Hemorrhage	Marked
		Mineralization	Mild
		Thrombosis	Marked
Note: Only one ovary available for histopathological examination.			
[Hemorrhage TGLS = 1-7]			
[Thrombosis TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH - Ovary Hemorrhage
CONTRIBUTORY CAUSE OF DEATH - Ovary Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
[Hepatocellular Adenoma TGLS = 2-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
Oviduct	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8,2-9]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 631

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-3]		
* Heart		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-8]		
	[Necrosis TGLS = 2-8]		Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-4]		
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-3+4+5]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-8]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-5]		
Mesentery		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217	TRT#: 2 DOSE: 0.0%	SEX: Female DISP: Natural Death	DAY ON TEST: 631 HISTO: 9700217
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ORGAN AND ACCOUNTABLE SITE STATUS

Fat	Necrosis	Marked
[Necrosis TGLS = 5-8]		
* Ovary	Lymphoma Malignant	
* Pancreas	Lymphoma Malignant	
* Skin	Lymphoma Malignant	
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-4]		
[Lymphoma Malignant TGLS = 1-4]		
* Thymus	Lymphoma Malignant	
* Uterus	Hydrometra	Moderate
	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Spleen	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Lymphoma Malignant; Liver Lymphoma Malignant; Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 586
DOSE: 0.0% **DISP:** Natural Death **HISTO:** 9700218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Marked
	Pulm Artery	Mineralization	Marked
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Moderate
	[Mineralization TGLS = 4-4]		
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-4]	Vacuolization Cytoplasmic	Marked
	[Vacuolization Cytoplasmic TGLS = 3-4]		
* Lung	Bronchus	Mineralization	Mild
	Vein	Mineralization	Mild
		Sarcoma	Metastatic (Skin)
Lymph Node	Mediastinal	Sarcoma	Metastatic (Skin)
* Mammary Gland			
	Note: Mammary gland tissue on slide #08.		
* Saliv Glands			
	Note: TGL#1-8: Salivary gland mass, documented at necropsy, is cutaneous sebaceous gland Sarcoma histologically.		
* Skin	Subcut Tiss	Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 586
HISTO: 9700218

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 1-8]

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Mineralization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-8]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 4-9]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700220

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 622
HISTO: 9700221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Liver Lymphoma Malignant; Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 1-8]			
[Clear Cell Focus TGLS = 1-8]			
[Hepatocellular Adenoma TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Infiltration Cellular TGLS = 1-8]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Basophilic Focus TGLS = 2-4]			
* Lung		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 2-4]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Thymoma Benign	
[Thymoma Benign TGLS = 2-8]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
Lymph Node	Renal	Ectasia	Moderate
[Ectasia TGLS = 1-8]			
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hemorrhage	Mild
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Mild
[Hemorrhage TGLS = 5-8]			
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 4-6]			
[Angiectasis TGLS = 4-6]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-4]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700229

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Ovary			
Note: TGL#2-7-NCL: Both ovaries missing - unable to demonstrate cyst documented at necropsy.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0.0%

DISP: Natural Death

HISTO: 9700232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 2-4+5]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Mononuclear CI, Mild
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Mild
		Infiltration Cellular	Mononuclear CI, Mild

[Hydrometra TGLS = 1-7]

[Infiltration Cellular TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Ovary	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Capsule	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Moderate
	[Nephropathy TGLS = 2-4]		
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Mild
	[Hepatocellular Adenoma TGLS = 3-8]		
	[Infiltration Cellular TGLS = 3-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Inflammation	Suppurative, Moderate
	[Inflammation TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Clear Cell Focus TGLS = 1,2-3+4]			
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Natural Death

DAY ON TEST: 615
HISTO: 9700236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex Note: Intestinal sections severely autolyzed.	Capsule	Hyperplasia	Minimal
* Heart Note: Vegetative valvular endocarditis.	Valve	Inflammation	Chronic Active, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Heart Valve Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
Note: TGL#3-8-NCL: Pale focus, documented at necropsy, not demonstrable histologically.			
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL#7-10: Involves axillary lymph nodes.			
	[Lymphoma Malignant TGLS = 7-10]		
	[Lymphoma Malignant TGLS = 6-9]		
	[Lymphoma Malignant TGLS = 5-8]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-5]		
* Pancreas		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237	TRT#: 2 DOSE: 0.0%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9700237
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hyperplasia TGLS = 1-4]		Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus [Hydrometra TGLS = 2-7]		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Carcinoma TGLS = 1-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Mild
		Necrosis	Mild
		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
Note: Ectatic gland contains eosinophilic material which is mineralized centrally.			
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9700241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 3-4]			
[Hepatocellular Carcinoma TGLS = 2-5]			
Mesentery		Inflammation	Granulomatous, Marked
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9700243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 1-8]			
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosis	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 2-8]			
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
		Pigmentation	Minimal

Note: TGL#3-5-NCL: Liver nodule, documented at trim, not demonstrable histologically.

Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			

* Ovary		Cyst	Mild
Note: Cyst is blood filled and contains some inflammatory cells, hemosiderin laden histiocytes, and a focal thrombus which is organizing.			

* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Ectopic Parathyroid Gland	Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosis	Mild
	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-8]		
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Mild
	[Hydrometra TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9700248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: TGL#1-7-NCL: Clitoral glands considered to be within normal limits histologically.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 2
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2-8]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 9700250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1-5]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Mononuclear CI, Mild

Note: Many histiocytes are pigmented, red - phagocytizing RBCs. There are also a few red crystals in the portion of the lung containing the carcinoma.

[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]

Mesentery

Fat

Necrosis

Marked

[Necrosis TGLS = 4-8]

* Spleen

Hematopoietic Cell Proliferation

Mild

[Hematopoietic Cell Proliferation TGLS = 2-4]

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus			

Note: TGL#1-7-NCL: Uterus within normal limits histologically. Dilation, documented at necropsy, due to normal physiological endometrial proliferation.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Infiltration Cellular	Mononuclear CI, Mild
	[Infiltration Cellular TGLS = 4-8]		
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-6]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Bilateral, Follicular Cel	Adenoma	
	[Adenoma TGLS = 3-3]		
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700253

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 651

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Lymphoma Malignant	
		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Lymphoma Malignant	
Note: Only one ovary available for histopathologic examination.			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 651

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700254

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Kidney Lymphoma Malignant; Liver Lymphoma Malignant; Lung Lymphoma Malignant; Lymph Node Mediastinal Lymphoma Malignant; Lymph Node; Mesenteric Lymphoma Malignant; Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 2-8]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 484

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* 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			

MISSING

* Intestine Small, Duodenum	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: All tissues moderately to severely autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Capsule	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Gallbladder	Epithelium	Cytoplasmic Alteration	Moderate
	Epithelium	Hyperplasia	Moderate
		Note: Numerous, varying sized gallstones present in gallbladder lumen.	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Moderate
		Pigmentation	Mild
		[Inflammation TGLS = 2-4+5]	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700258

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-4] [Hyperplasia TGLS = 1-4]	Hyperplasia	Lymphoid, Marked
* Thymus	Cyst	Minimal
	Ectopic Parathyroid Gland	Minimal
* Uterus	Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 730
DOSE: 0.075% **DISP:** Terminal Sacrifice **HISTO:** 9700260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-5]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 1-7]		
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Angiectasis TGLS = 3-8]		
	[Hyperplasia TGLS = 3-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 4-8]			
[Hepatocellular Adenoma TGLS = 2-5]			
[Mixed Cell Focus TGLS = 3-4]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 652

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Intestine Small, Duodenum	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Int Lg Cecum			
Note: TGL#4-4-NCL: Cause of dark discoloration, documented at necropsy, not apparent histopathologically.			
* Int Lg Colon			
Note: TGL#3-5-NCL: Cause of dark discoloration, documented at necropsy, not apparent histopathologically.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
Note: TGL#2-4-NCL: Cause of pale discoloration, documented at necropsy, not apparent histopathologically.			
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Mild
[Inflammation TGLS = 1-4+5]			
[Necrosis TGLS = 1-4+5]			
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264	TRT#: 4	SEX: Female	DAY ON TEST: 652
	DOSE: 0.075%	DISP: Natural Death	HISTO: 9700264

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	Epithelium	Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Liver	Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Liver	Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-9]			
[Lymphoma Malignant TGLS = 2,3-8+9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Hemangioma	
[Hemangioma TGLS = 1-10]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 4

DOSE: 0.075%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 9700265

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Ectopic Parathyroid Gland

Minimal

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-8]			
* Ovary		Hyperplasia	Adenomatous, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 664

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Glomer	Hyperplasia	Mild
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Carcinoma	
* Kidney		Accumulation, Hyaline Droplet	Mild
		Infarct	Marked
* Liver		Carcinoma	Metastatic (Islets, Pancreatic)
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Marked
		[Carcinoma TGLS = 10-9]	
		[Lymphoma Malignant TGLS = 3,4,10,11-8+4+9+10]	
		[Vacuolization Cytoplasmic TGLS = 5-4+5]	
* Lym Node Mesen			
		Note: TGL#1-5: Enlarged mesenteric lymph node, documented at necropsy, is metastatic islet cell carcinoma involving the mesentery.	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Note: TGL#2-11: Enlarged pancreatic lymph node, documented at necropsy, is metastatic islet cell carcinoma involving the mesentery.	
		[Lymphoma Malignant TGLS = 6-10]	
Mesentery		Carcinoma	Metastatic (Islets, Pancreatic)
		Lymphoma Malignant	
		Thrombosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 664

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700267

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1,2,8-5+11+9]

* Ovary

Note: Only one ovary available for histopathologic examination.

Skeletal Muscle

[Carcinoma TGLS = 7-8]

* Spleen

[Lymphoma Malignant TGLS = 12-4+11]

* Stomach, Forestomach

Epithelium

Epithelium

[Hyperplasia TGLS = 9-12]

[Ulcer TGLS = 9-12]

* Thymus

* Uterus

Carcinoma

Metastatic (Islets, Pancreatic)

Hematopoietic Cell Proliferation

Moderate

Lymphoma Malignant

Hyperplasia

Mild

Inflammation

Chronic Active, Mild

Ulcer

Mild

Lymphoma Malignant

Hydrometra

Mild

Polyp Stromal

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Islets;Pancreatic Carcinoma;Kidney Infarct;Liver Carcinoma Islets;Pancreatic;Liver Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Mesentery Carcinoma Islets;Pancreatic;Mesentery Lymphoma Malignant;Mesentery Thrombosis;Skeletal Muscle Carcinoma Islets;Pancreatic;Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 673
DOSE: 0.075% **DISP:** Natural Death **HISTO:** 9700268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gl			
Note: Only one clitoral gland available for histopathologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Fibrosarcoma	Metastatic (Skin)
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 605

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Note: TGL#2-4+5-NCL: Cause of pale discoloration, documented at necropsy, not apparent histologically.			
* Lung		Mineralization	Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-4]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Ectopic Parathyroid Gland	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 683

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery		Fibrosarcoma	Metastatic (Skin)
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 659

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700272

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Skin Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Skin Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 650

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Salivary Glands
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Lymphoma Malignant	
		Hemorrhage	Minimal
		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Necrosis	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
Note: Only one lumbar lymph node available for histopathologic examination. [Lymphoma Malignant TGLS = 2-8]			
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
Note: Only one ovary available for histopathologic examination.			
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 650

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700274

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant

* Urinary Bladder

Lymphoma Malignant

* Uterus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Liver Lymphoma Malignant;Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 667

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Mild
		Vacuolization Cytoplasmic	Minimal
Mesentery		Congestion	Minimal
[Congestion TGLS = 4-9]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 667

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700275

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	[Adenoma TGLS = 1-6]		
	[Angiectasis TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 643

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Pigmentation	Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Moderate
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery			
Note: TGL#2-8-NCL: Mesenteric fat nodule, documented at necropsy, is normal appearing pancreatic tissue histologically.			
* Ovary		Teratoma Benign	
[Teratoma Benign TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-6]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Ovary Teratoma Benign

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Mild
	Zona Fascult	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Note: TGL#3-5-NCL: Liver nodule, documented at trim, not demonstrable histologically.			
* Lung		Carcinoma	Metastatic (Uncertain Primary Site)
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 709

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Suppurative, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1,2-8+9]			
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea

MISSING

* Pituitary Gland

INSUFFICIENT TISSUE

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
Note: TGL#2-NCL: White focus, documented at necropsy, not identified at trim.			
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Pigmentation	Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Hemangioma	
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Metaplasia	Osseous, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Lymphoma Malignant	
		Pigmentation	Mild
[Lymphoma Malignant TGLS = 4,5-4+5+8]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Cystadenoma	
Note: Only one ovary available for histological examination.			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1,2-4+9]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700285

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 4-4]			
[Lymphoma Malignant TGLS = 3-5]			
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Parathyroid Gland
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Lymphoma Malignant	
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Suppurative, Minimal
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Necrosis	Marked
		Pigmentation	Mild
		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant	
		Lymphoma Malignant	
		Lymphoma Malignant	
		Lymphoma Malignant	
		Lymphoma Malignant	
		Lymphoma Malignant	
		Lymphoma Malignant	
		Lymphoma Malignant	
		Cyst	Marked
		Hemorrhage	Marked

[Lymphoma Malignant TGLS = 3-4+5]

[Necrosis TGLS = 2-8]

* Lung

[Alveolar/Bronchiolar Carcinoma TGLS = 6-8]

Lymph Node Pancreatic

 Renal

[Lymphoma Malignant TGLS = 7-9]

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

Mesentery

* Ovary

[Cyst TGLS = 4-7]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: 0.075%	DISP: Terminal Sacrifice	HISTO: 9700287

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 4-7]			
* Pancreas	Duct	Cyst	Moderate
		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular	Glands	Ectasia	Minimal
		Lymphoma Malignant	
* Thymus		Cyst	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	

[Hyperplasia TGLS = 5-7]
PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 651

DOSE: 0.075%

DISP: Natural Death

HISTO: 9700288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	Skeletal Muscle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Fibrosarcoma	Metastatic (Skin)
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Skel Muscle			
Note: TGL#1-8: Skeletal muscle mass, documented at necropsy, is subcutaneous fibrosarcoma histologically.			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

CONTRIBUTORY CAUSE OF DEATH - Lung Fibrosarcoma Skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Sodium nitrite
 CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
 Time Report Requested: 22:46:19
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 659

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric
------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Int Sm Duoden			
Note: TGL#4-8: Duodenal mass, documented at necropsy, is metastatic hepatocholcarc. involving the pancreas histologically.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hepatocholangiocarcinoma	Metastatic (Liver)
		Nephropathy	Mild
* Liver		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 2,3-4+8]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5,6,7,8-9+4+4+9]			
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 4-8]			
Peritoneum		Hepatocholangiocarcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Hepatocholangiocarcinoma	Metastatic (Liver)
* Thymus		Ectopic Parathyroid Gland	Minimal
* Urinary Bladder		Hepatocholangiocarcinoma	Metastatic (Liver)
* Uterus		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 659

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700289

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Liver Hepatocholangiocarcinoma

Animal Note: TGL#5,6,7,8: Masses involving large & small intestines, documented at necropsy, are foci of metastatic hepatocholocarc. involving the mesentery of each organ.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Vacuolization Cytoplasmic	Mild
		[Basophilic Focus TGLS = 3-4]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
		[Hydrometra TGLS = 1-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 2-5]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Skin		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular Nephropathy	Mononuclear CI, Minimal Minimal
* Liver		Infiltration Cellular Inflammation	Mononuclear CI, Mild Chronic Active, Minimal
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 673

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart	Artery	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Necrosis	Mild
		Pigmentation	Mild
		Thrombosis	Moderate
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 4-4]			
* Lung	Vein	Mineralization	Minimal
* Ovary		Cyst	Moderate
Note: Only one ovary available for histopathologic examination.			
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 673

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700293

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-4]

* Uterus

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 706

DOSE: 0.075%

DISP: Moribund Sacrifice

HISTO: 9700294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
Note: TGL#2-4-NCL: Cause of pale discoloration, documented at necropsy, not apparent histologically.			
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Mild
[Infiltration Cellular TGLS = 3-8]			
[Inflammation TGLS = 3-8]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
* Liver		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Ectasia	Moderate
Note: Portion of ectatic sinusoid contains a thrombus which is undergoing early organization. [Ectasia TGLS = 1-8]			
* Mammary GI			
Note: TGL#3-9: Mammary gland mass, documented at necropsy, is subcuticular fibrosarcoma histologically.			
Mesentery			
Note: TGL#1-8: Mesenteric cyst, documented at necropsy, is ectatic mesenteric lymph node histologically.			
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 3-9]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: 0.075%	DISP: Terminal Sacrifice	HISTO: 9700299

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.075%

DISP: Terminal Sacrifice

HISTO: 9700300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Basophilic Focus TGLS = 2-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
[Hyperplasia TGLS = 2-6]			
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
Note: Only one clitoral gland available for histologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-8]			
[Infiltration Cellular TGLS = 4-3+8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Ovary			
Note: Only one ovary available for histologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700301

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-9]

* Thymus

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 677

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 1-4+5]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
[Hepatocellular Adenoma TGLS = 1-4]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thyroid Gland			

OBSERVATIONS

* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Int Sm Jejunum			
Note: TGL#3-9: Histologically, the enlarged Peyer's patch, documented at necropsy, is a poorly differentiated, anaplastic sarcoma involving the mesentery.			
* Lung		Lymphoma Malignant	
* Lym Node Mesen			
Note: TGL#1-8: Histologically, the enlarged mesenteric lymph node, documented at necropsy, is a poorly differentiated, anaplastic sarcoma involving the mesentery.			
Lymph Node	Mediastinal	Lymphoma Malignant	
Mesentery		Sarcoma	
[Sarcoma TGLS = 1,3-8+9]			
* Thymus		Lymphoma Malignant	
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Mesentery Sarcoma
CONTRIBUTORY CAUSE OF DEATH - Lymph Node Mediastinal Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 687

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 306

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700306

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 610

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
		Lymphoma Malignant	
		Necrosis	Mild
		Vacuolization Cytoplasmic	Moderate
[Lymphoma Malignant TGLS = 4-3+4+5]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL#5-9 Involves hepatic lymph node			
[Lymphoma Malignant TGLS = 6-8]			
[Lymphoma Malignant TGLS = 5-9]			
[Lymphoma Malignant TGLS = 7-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Granulosa Cell Tumor Benign	
Note: TGL#2-7: Cyst, documented at necropsy, not apparent histologically. Benign granulosa cell tumor is present.			
[Granulosa Cell Tumor Benign TGLS = 2-7]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Natural Death

DAY ON TEST: 610
HISTO: 9700307

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant

* Uterus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Liver Lymphoma Malignant;Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 3-4]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310

TRT#: 6

SEX: Female

DAY ON TEST: 477

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Fibrosarcoma	Metastatic (Skin)
	Capsule	Hyperplasia	Minimal
[Fibrosarcoma TGLS = 5-6]			
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Intestine Large, Rectum		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 10-11]			
* Kidney		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 4,6-4]			
* Liver		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 7-5]			
* Lung		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 8-3]			
* Mammary GI			
Note: TGL#s1-8 & 2-9: Mammary gland masses, documented at necropsy, are cutaneous fibrosarcoma histologically.			
Note: Mammary Gld on Slide #07.			
Mesentery		Fibrosarcoma	Metastatic (Skin)
	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310	TRT#: 6 DOSE: 0.15%	SEX: Female DISP: Natural Death	DAY ON TEST: 477 HISTO: 9700310
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ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 9-10]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1,2-8+9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Fibrosarcoma Skin;Lung Fibrosarcoma Skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
Note: Only one clitoral gland available for histologic examination.			
Eye		Cataract	Mild
[Cataract TGLS = 1-9]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 7-5]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 5-2]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Ulcer	Marked
[Inflammation TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700311

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 3-10]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-4]		
* Urinary Bladder	Infiltration Cellular	Mononuclear Cl, Mild
* Uterus	Hydrometra	Marked
[Hydrometra TGLS = 6-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 716

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Suppurative, Mild
* Islets, Pancreatic		Adenoma	
		Pigmentation	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Bile Duct	Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 4-8]			
* Lung		Hemorrhage	Moderate
	Vein	Mineralization	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Lung Hemorrhage

CONTRIBUTORY CAUSE OF DEATH

- Islets;Pancreatic Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 524

DOSE: 0.15%

DISP: Moribund Sacrifice

HISTO: 9700313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Mild
* Bone Marrow		Lymphoma Malignant	
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-4]		
* Liver		Lymphoma Malignant Vacuolization Cytoplasmic	Marked
	[Lymphoma Malignant TGLS = 3-3+4+5]		
* Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 9-10]		
	[Lymphoma Malignant TGLS = 8-11]		
	[Lymphoma Malignant TGLS = 7-8]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-9]		
Mesentery		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 524

DOSE: 0.15%

DISP: Moribund Sacrifice

HISTO: 9700313

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Mild
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	Epithelium	Inflammation	Chronic Active, Minimal
		Ulcer	Minimal
* Stomach, Glandular	Epithelium	Necrosis	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Kidney Lymphoma Malignant; Liver Lymphoma Malignant; Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 716

DOSE: 0.15%

DISP: Moribund Sacrifice

HISTO: 9700314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 5-4+5]			
Lymph Node	Renal	Hemorrhage	Marked
[Hemorrhage TGLS = 4-8]			
* Ovary		Cyst	Marked
		Hemorrhage	Marked
		Thrombosis	Mild
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Uterus		Hydrometra	Mild
	Submucosa	Hyperplasia	Stromal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 716

DOSE: 0.15%

DISP: Moribund Sacrifice

HISTO: 9700314

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Ovary Hemorrhage

CONTRIBUTORY CAUSE OF DEATH

- Lymph Node Renal Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Natural Death

DAY ON TEST: 691
HISTO: 9700315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 1-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	Epithelium	Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Hyperplasia TGLS = 2-9]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild

Note: TGL#1-8-NCL: Liver focus, documented at trim, not demonstrable histologically.

[Eosinophilic Focus TGLS = 2-8]

* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-4]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Suppurative, Moderate
Note: Only one clitoral gland available for histologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Mineralization	Mild
[Hepatocellular Carcinoma TGLS = 1-8]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Skin		Inflammation	Chronic Active, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Thymus		
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: TGL#3-4-NCL: Liver nodule, documented at trim, not demonstrable histologically.			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Ovary		Cyst	Mild
Note: Only one ovary available for histologic examination.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-4]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9700320

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

* Uterus

Endometrium

Infiltration Cellular

Hyperplasia

Mononuclear CI, Minimal

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGSL = 1,2-8+9]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary			
Note: TGL#1-7-NCL: Ovarian cyst, documented at necropsy, not apparent histologically.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
	Capsule	Hyperplasia	Mild
* Int Sm Jejunum			
Note: TGL#3-9: Jejunal nodule, documented at necropsy, is portion of hepatocellular carcinoma adhered to jejunal serosa.			
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 2,3-8+9]			
* Pancreas	Artery	Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-10]			
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
<p>Note: TGL#3-8-NCL: Liver focus, documented at necropsy, not demonstrable histologically.</p>			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary			
<p>Note: Only one ovary available for histologic examination.</p>			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
<p>[Hemangiosarcoma TGLS = 2-4]</p>			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Marked
<p>[Hydrometra TGLS = 1-7]</p>			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Hemangioma	
[Hemangioma TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	Mesentery	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Lymphoma Malignant	
		Pigmentation	Minimal
		[Basophilic Focus TGLS = 2-5]	
* Lymph Node, Mesenteric		Ectasia	Marked
		Note: TGL#3-8: Ectatic mesenteric lymph node sinusoid contains a partially organized thrombus.	
		[Ectasia TGLS = 3-8]	
		Mesentery	
		Note: TGL#3-8: Mesenteric cyst, documented at necropsy, is ectatic mesenteric lymph node.	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-4]	
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9700328

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder
* Uterus

Lymphoma Malignant
Hydrometra
Inflammation
Lymphoma Malignant

Moderate
Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 2-6]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
	[Cyst TGLS = 3-7]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLS = 4-8]		
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700329

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery		Hemorrhage	Moderate
	Fat	Necrosis	Marked
		Pigmentation	Hemosiderin, Minimal
[Hemorrhage TGLS = 1-8]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign body is hair.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
Note: Only one clitoral gland available for histologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Necrosis	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
<p>Note: TGL#1-8-NCL: Liver cyst, documented at necropsy, not demonstrable histologically.</p>			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	Mesentery	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 5-9]			
[Eosinophilic Focus TGLS = 4-9]			
* Lymph Node, Mesenteric		Ectasia	Marked
Note: TGL#3-8: Ectatic sinusoids contain blood.			
[Ectasia TGLS = 3-8]			
Mesentery			
Note: TGL#3-8: Mesenteric cyst, documented at necropsy, is mesenteric lymph node with ectatic sinusoids containing blood.			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.15%	DISP: Terminal Sacrifice	HISTO: 9700335

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 5-4]			
Lymph Node	Renal	Ectasia	Marked
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Ectasia TGLS = 3-8]			
[Lymphoma Malignant TGLS = 4-9]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
* Ovary		Cyst	Mild
Note: Only one ovary available for histologic examination.			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9700336

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-4]		Lymphoma Malignant	
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 617

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal gland available for histopathologic examination.			
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Ileum		Leiomyosarcoma	Metastatic (Uterus)
[Leiomyosarcoma TGLS = 4-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Fibrosis	Mild
[Fibrosis TGLS = 1-5]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-8]			
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Moderate
		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 2-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338

TRT#: 6
DOSE: 0.15%

SEX: Female
DISP: Natural Death

DAY ON TEST: 617
HISTO: 9700338

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Uterus Leiomyosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Ileum Leiomyosarcoma Uterus

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary			
Note: Only one ovary available for histologic examination.			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Gallbladder			
Note: Gallbladder lumen contains gallstones.			
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4+5]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Nose		Foreign Body Inflammation	Moderate Chronic Active, Moderate
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Pancreas		Lymphoma Malignant	
* Parathyroid GI			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341	TRT#: 6 DOSE: 0.15%	SEX: Female DISP: Natural Death	DAY ON TEST: 723 HISTO: 9700341
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: Parathyroid gland is on slide #02.			
* Pituitary Gland		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Thymus		Cyst	Minimal
* Thyroid Gland			
Note: One thyroid gland in on slide #02.			
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
Note: Only one ovary available for histologic examination.			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-8]		
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 2-4]		
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fascult	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 1,3-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 706

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Mammary Gland
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thyroid Gland	Tongue

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Osteosarcoma	Mild Metastatic (Bone)
[Osteosarcoma TGLS = 2-6]			
* Bone	Femur	Osteosarcoma	
[Osteosarcoma TGLS = 1-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation Infiltration Cellular	Minimal Mononuclear CI, Minimal
Note: TGL#8-4+5-NCL: Liver discoloration, documented at trim due to tissue autolysis.			
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 4,5,6,7-3]			
Mesentery		Osteosarcoma	Metastatic (Bone)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 10-7]			
Skeletal Muscle		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 11-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 9-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 706

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700345

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Bone Femur Osteosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Osteosarcoma Bone

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 728
DOSE: 0.15% **DISP:** Terminal Sacrifice **HISTO:** 9700346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 621

DOSE: 0.15%

DISP: Natural Death

HISTO: 9700347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: This animal's tissues are severely autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Ectopic Parathyroid Gland	Minimal
* Uterus		Hydrometra	Moderate
		Inflammation	Suppurative, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-4]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.15%

DISP: Terminal Sacrifice

HISTO: 9700350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Hemangiosarcoma	
* Spleen		Ectasia	Minimal
* Stomach, Glandular	Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Hyperplasia	Cystic, Moderate
* Uterus	Endometrium		

Note: TGL#2-8-NCL: Liver nodule, documented at trim, not demonstrable histologically.

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 484

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adren Cortex

Note: Only one adrenal gland available for histopathologic examination.

* Brain

Note: Cerebellum not available for histopathologic examination.

* Kidney

Infiltration Cellular

Mononuclear CI, Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: This animal's tissues are moderately autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
	[Hepatocellular Carcinoma TGLS = 1-4]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Plasma Cell, Minimal
	Vein	Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Congestion	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 3-8]			
[Congestion TGLS = 3-8]			
[Eosinophilic Focus TGLS = 2-9]			
Mesentery	Artery	Inflammation	Chronic Active, Mild
* Ovary		Cystadenoma	
* Pancreas		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Capsule	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354	TRT#: 8 DOSE: 0.30%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9700354
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Ectopic Parathyroid Gland	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hydrometra Hyperplasia	Marked Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone	Periosteum, Synovial Tiss	Inflammation	Chronic Active, Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-9]			
[Hyperplasia TGLS = 3-8]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 3-5]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1,2,4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 687

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Lymphoma Malignant	
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Marked
		[Lymphoma Malignant TGLS = 2-4+5]	
		[Vacuolization Cytoplasmic TGLS = 2-4+5]	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-4]	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 687

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700358

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 520

DOSE: 0.30%

DISP: Moribund Sacrifice

HISTO: 9700359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Clitoral Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Glomer	Hyperplasia	Minimal
* Bone			
Note: TGL#1-8: Left mandible bone mass, documented at necropsy, is subcutaneous malignant schwannoma histologically.			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 2-4]		
* Lung		Schwannoma Malignant	Metastatic (Skin)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Salivary Glands		Atrophy	Moderate
		Schwannoma Malignant	Metastatic (Skin)
* Skin	Subcut Tiss	Schwannoma Malignant	
Note: Looks like a neurofibrosarcoma.			
	[Schwannoma Malignant TGLS = 1-8]		
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Mononuclear CI, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]		
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Pinna, Subcut Tiss	Fibroma	
	[Fibroma TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Mild
	[Hydrometra TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Angiectasis TGLS = 2-8]			
* Ovary			
Note: Only one ovary available for histologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
Note: Untrimmed Gross Lesion			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700361

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 673

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Liver	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Marked
		Hemorrhage	Marked
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Ovary Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-4]		
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 3-5+8]		
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked
	[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 659

DOSE: 0.30%

DISP: Moribund Sacrifice

HISTO: 9700366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Atrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Pancreas	Acinus	Atrophy	Moderate
* Salivary Glands		Atrophy	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[Atrophy TGLS = 1-2]			
* Stomach, Glandular	Glands	Ectasia	Mild
* Uterus		Hydrometra	Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 3-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-4]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 4-3+9]			
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	[Angiectasis TGLS = 3-8]		
	[Hyperplasia TGLS = 3-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Marked
	[Hydrometra TGLS = 1,2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 1-4]	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
		[Hydrometra TGLS = 2-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700370

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Ovary			
Note: Only one ovary available for histologic examination.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Int Lg Colon			
Note: Colon on slide 04.			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Necrosis	Mild
		Pigmentation	Minimal
Note: TGL#3-5-NCL: Liver nodule, documented at trim, not demonstrable histologically.			
[Necrosis TGLS = 4-4]			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Ovary			
Note: Only one ovary available for histologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700372

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Mild

* Uterus

Hydrometra

Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 2-9]		
	[Hyperplasia TGLS = 2-9]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 3-10]		
* Stomach, Glandular	Glands	Ectasia	Minimal
Note: TGL#3-10: Thickening of gland. stomach, documented at trim, is a sq.cell papilloma involving the forestomach in the area of the limiting ridge histologically.			
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 8
DOSE: 0.30%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9700373

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-8]		
* Ovary		Luteoma	
	Note: TGL#1-7-NCL: Ovarian cyst, documented at necropsy, not demonstrable histologically.		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
[Hepatocellular Adenoma TGLS = 1-4]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 2-8]		
* Ovary		Hemangioma	
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hyperplasia Hyperplasia	Mild Minimal Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 2-8]	Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Ovary	* Parathyroid Gland	* Thyroid Gland
---------	---------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone	Vertebra	Osteosarcoma	
[Osteosarcoma TGLS = 2-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 1-3]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
 CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
 Time Report Requested: 22:46:20
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 380 TRT#: 8 SEX: Female DAY ON TEST: 567
 DOSE: 0.30% DISP: Moribund Sacrifice HISTO: 9700380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Capsule	Hyperplasia	Mild
Blood Vessel	Aorta	Inflammation	Chronic Active, Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Heart	Artery	Inflammation	Chronic Active, Mild
* Liver		Inflammation	Chronic Active, Moderate
		Necrosis	Mild
		Pigmentation	Mild
* Ovary		Cyst	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
Peripheral Nerve	Sciatic	Inflammation	Chronic Active, Mild
Skeletal Muscle	Artery	Inflammation	Chronic Active, Mild
Spinal Cord		Demyelination	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Spinal Cord Demyelination

CONTRIBUTORY CAUSE OF DEATH

- Blood Vessel Aorta Inflammation; Heart Artery Inflammation; Pancreas Artery Inflammation; Peripheral Nerve Sciatic Inflammation; Skeletal Muscle Artery Inflammation; Thyroid Gland Inflammation

Animal Note: Arterial inflam. lesions involving thyroid gland, heart, aorta, pancreas, skeletal muscle and sciatic nerve are consistent with a diagnosis of systemic periarteritis.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
<p>Note: TGL#2-9-NCL: Liver focus, documented at necropsy, not demonstrable histologically. [Eosinophilic Focus TGLS = 1-5]</p>			
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 3-8]	
* Ovary		Angiectasis	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-8]			
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-5]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-9]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Interstitialium	Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-7]		Cystadenoma	
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
Note: Stone present in pancreatic duct.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-10]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: Hepatocellular adenoma also present on slide #04.			
[Hepatocellular Adenoma TGLS = 2-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-9]			
* Pancreas	Acinus	Hypertrophy	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Moderate
	Epithelium	Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	
[Hyperplasia TGLS = 5-5]			
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 0.30%	DISP: Terminal Sacrifice	HISTO: 9700388

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-9]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
Peritoneum		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 3-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Skel Muscle			
Note: TGL#3-8: Abdominal skeletal muscle nodule, documented at trim, is granulomatous inflammation involving the peritoneum histologically.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Ovary			
Note: Only one ovary available for histopathologic examination.			
Oviduct			
Note: Only one ovary available for histologic examination.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Mild
* Thyroid Gland	Follicle	Cyst	Mild
[Cyst TGLS = 3-3]			
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-8]			
* Ovary		Cyst	Marked
		Mineralization	Moderate
		Pigmentation	Moderate
		Thrombosis	Marked
[Cyst TGLS = 1-7]			
[Thrombosis TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700391

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 705

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver	Centrilobular	Necrosis	Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Skin	Subcut Tiss	Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 401

DOSE: 0.30%

DISP: Moribund Sacrifice

HISTO: 9700394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Moderate
Spinal Cord		Demyelination	Moderate
	Meninges	Meningioma Malignant	
* Thymus		Cyst	Mild
* Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

- Spinal Cord Demyelination

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Moderate
		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
Note: Intimal proliferation portal vessel slide #04.			
Mesentery	Fat	Necrosis	Marked
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-5]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Ileum		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-4]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node		Inflammation	Granulomatous, Marked
* Ovary			
Note: Only one ovary available for histologic examination.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700396

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Moderate
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: TGL#1-7-NCL: Red discoloration, documented at necropsy, not apparent histologically.			
* Gallbladder			
Note: Gallbladder on slide #04.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: TGL#4-8-NCL: Liver nodule, documented at necropsy, not demonstrable histologically.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-5]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700398

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 0.30%

DISP: Terminal Sacrifice

HISTO: 9700399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Capsule	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lung		Metaplasia	Osseous, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 708

DOSE: 0.30%

DISP: Natural Death

HISTO: 9700400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Gallbladder
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histopathologic examination.			
* Bone Marrow		Atrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver	Centrilobular	Necrosis	Moderate
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
[Necrosis TGLS = 2-4]			
Mesentery		Infiltration Cellular	Mononuclear CI, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-9]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Liver Centrilobular Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88007-06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium nitrite
CAS Number: 7632-00-0

Date Report Requested: 10/18/2014
Time Report Requested: 22:46:20
First Dose M/F: NA / NA
Lab: BAT

**** END OF REPORT ****