

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

C Number:	C92012B
Lock Date:	10/16/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	02/26/2003

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland	Adenoma	
* Kidney	Metaplasia	Osseous, Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 183 HISTO: 99-85679
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 668 HISTO: 00-88962
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
		Hyperplasia	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
		Necrosis	Focal, Moderate
	[Necrosis TGLS = 3-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-23]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
	[Hemangiosarcoma TGLS = 2-21]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 668 HISTO: 00-88962
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Degeneration	Cystic, Mild
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PRIMARY CAUSE OF DEATH	- Spleen Hemangiosarcoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90592
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-21]			
[Mixed Cell Focus TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Multifocal, Marked
	Alveolar Epith	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland	Inflammation	Chronic, Mild
Note: MULTIPLE FOREIGN BODIES (HAIR SHAFTS) APPEAR TO BE INCITING THE HARDERIAN GLAND INFLAMMATION.		
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-21]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-21]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Infarct	Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
Note: HEPATOCELLULAR CARCINOMA IS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Hemorrhage	Mild
* Lymph Node, Mandibular	Pigmentation	Mild
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90596
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Necrosis	Mild
Note: CYSTS (MULTILOCLAR) IN MESENTERY ON SLIDE 21; MORPHOLOGY NOT AVAILABLE ON TDMS.			
[Necrosis TGLS = 1-21]			
* Parathyroid Gland		Cyst	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 657

DOSE: 0PPM

DISP: Natural Death

HISTO: 00-88887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Esophagus			
Note: ESOPHAGUS IS PRESENT ON SLIDE 2.			
* Harderian Gland		Carcinoma	
Note: HARDERIAN GLAND CARCINOMA IS PRESENT ON SLIDES 12, 21, AND 44. THE CARCINOMA HAS A MESENCHYMAL DIFFERENTIATION.			
[Carcinoma TGLS = 4-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Harderian Gland)
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric			
[Hyperplasia TGLS = 1-5]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-4-1]			
[Inflammation TGLS = 2-4-1]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Eye	* Gallbladder
* Harderian Gland	* 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	* 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

* Intestine Small, Duodenum

INSUFFICIENT TISSUE

* Esophagus

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 183
	DOSE: 0PPM	DISP: Scheduled Sacrifice	HISTO: 99-85681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Liver	Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/21/2014
 Time Report Requested: 03:49:34
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 12 TRT#: 1 SEX: Male DAY ON TEST: 729
 DOSE: 0PPM DISP: Terminal Sacrifice HISTO: 00-90597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 183 HISTO: 99-85682
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
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PRIMARY CAUSE OF DEATH

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Animal Note: JEJUNUM IS ON SLIDE 4 AND RECTUM IS ON SLIDE 3.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Nephropathy	Mild
* Liver	Angiectasis	Mild
[Angiectasis TGLS = 3-22]	Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-21]		
* Preputial Gland	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Cyst Metaplasia Nephropathy Eosinophilic Focus Infarct	Moderate Osseous, Minimal Moderate
* Liver			
[Eosinophilic Focus TGLS = 5-23]			
[Infarct TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Hemorrhage	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 7-24]			
[Hemorrhage TGLS = 6-24]			
* Lymph Node, Mandibular		Hyperplasia Pigmentation	Lymphoid, Mild Mild
* Lymph Node, Mesenteric		Hemorrhage Hyperplasia	Moderate Lymphoid, Mild
Note: "LYMPHOID HYPERPLASIA" IN MESENTERIC LYMPH NODE INCLUDES SOME RETICULAR CELL HYPERPLASIA.			
[Hemorrhage TGLS = 4-5]			
[Hyperplasia TGLS = 4-5]			
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 00-90599
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ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 2-21]

* Preputial Gland		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-90600
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Harderian Gland	Adenoma	
* Intestine Large, Cecum	Edema	Mild
* Kidney	Nephropathy	Minimal
* Liver	Angiectasis	Marked
	Hepatocellular Adenoma	

Note: MUCH OF THE BLOOD FROM THE ANGIECTATIC AREA HAS BEEN REMOVED DURING PROCESSING.

[Angiectasis TGLS = 2-22]

[Hepatocellular Adenoma TGLS = 1-21]

* Lung	Alveolar/Bronchiolar Adenoma	
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum	Edema	Mild
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 611

DOSE: 0PPM

DISP: Moribund Sacrifice

HISTO: 00-88482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Thrombosis	Minimal
* Lymph Node, Mandibular		Atrophy	Moderate
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-8]			
* Seminal Vesicle		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: ADRENAL AND PARATHYROID GLANDS ARE PRESENT AND NORMAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lung	Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Moderate
Note: ALVEOLAR/BRONCHIOLAR CARCINOMA HAS MARKED MUCINOUS DIFFERENTIATION OF TUMOR CELLS. [Alveolar/Bronchiolar Carcinoma TGLS = 3-2,3-21]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Thymus	Atrophy	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Spleen	Lymph Follic	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Small, Jejunum [Carcinoma TGLS = 1-21]	Carcinoma	
* Kidney	Nephropathy	Minimal
* Preputial Gland	Cyst	Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Degeneration	Cystic, Mild
Tooth		

Note: HAIR SHAFTS (FOREIGN BODY) AND INFLAMMATION AROUND INCISOR TOOTH; NOT TABULATED.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 694

DOSE: 0PPM

DISP: Moribund Sacrifice

HISTO: 00-89517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adren Cortex			
Note: ONE ADRENAL GLAND APPARENTLY OBSCURED BY KIDNEY MASS.			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 4-22]			
* Kidney	Renal Tubule	Carcinoma	
		Hydronephrosis	Mild
		Nephropathy	Minimal
[Carcinoma TGLS = 1-21]			
[Hydronephrosis TGLS = 2-5]			
* Pancreas		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Intestine Small;Duodenum Polyp Adenomatous

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Esophagus

OBSERVATIONS

* Kidney	Cyst Nephropathy	Moderate Minimal
[Cyst TGLS = 2-21]		
* Liver	Infiltration Cellular	Mixed Cell, Mild
* Lung	Alveolar/Bronchiolar Adenoma Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 3-22]		
* Lymph Node, Mandibular Tooth	Hyperplasia	Lymphoid, Mild

Note: DYSPLASIA AND CHRONIC ACTIVE INFLAMMATION INVOLVING INCISOR TOOTH; NOT TABULATED.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland Note: HAIR SHAFT FOREIGN BODY IN HARDERIAN GLAND.	Inflammation	Chronic, Minimal
* Kidney	Cyst Nephropathy Hepatocellular Adenoma Hepatocellular Carcinoma	Moderate Minimal Multiple
* Liver [Hepatocellular Adenoma TGLS = 3-22,4-23,5-24] [Hepatocellular Carcinoma TGLS = 2-21]	Hyperplasia Hyperplasia Cyst Inflammation	Lymphoid, Mild Lymphoid, Mild Moderate Chronic, Moderate
* Lymph Node, Mandibular		
* Lymph Node, Mesenteric		
* Preputial Gland [Cyst TGLS = 1-8] [Inflammation TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation Lymph Follic Hyperplasia	Minimal Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* 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		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Mild
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland		Hyperplasia	Focal, Mild
		Inflammation	Chronic, Mild
Note: HAIR SHAFT FOREIGN BODY IN HARDERIAN GLAND.			
* Heart	Perivascular	Inflammation	Chronic, Mild
Note: CHRONIC INFLAMMATION IS A MILD PERIARTERITIS IN VENTRICLES AT BASE OF HEART.			
* Kidney		Cyst	Moderate
		Infarct	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-8]			
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90608

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: ONE NASAL SECTION LOST FROM BLOCK (SLIDE 9.1).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lymph Node, Mandibular	Pigmentation	Mild
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0PPM	DISP: Terminal Sacrifice	HISTO: 00-90610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Metaplasia	Osseous, Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-6]		
[Hepatocellular Adenoma TGLS = 3-21]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0PPM	DISP: Terminal Sacrifice	HISTO: 00-90612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90613
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Preputial Gland [Cyst TGLS = 1-8]	Cyst	Moderate
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 1	SEX: Male	DAY ON TEST: 183
	DOSE: 0PPM	DISP: Scheduled Sacrifice	HISTO: 99-85686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-90614
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 2-21]	Adenoma	
* Kidney	Cyst	Moderate
	Infarct	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 1-22]	Alveolar/Bronchiolar Adenoma	
	Infiltration Cellular	Histiocyte, Moderate
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0PPM	DISP: Terminal Sacrifice	HISTO: 00-90615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 00-90616
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Intestine Large, Rectum
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Heart	Perivascular	Inflammation	Chronic, Minimal
* Kidney		Cyst	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 00-90617
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
* Lung	Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-24]			
* Kidney		Cyst	Moderate
[Cyst TGLS = 3-22]		Nephropathy	Minimal
[Nephropathy TGLS = 3-22]			
* Liver		Clear Cell Focus	
[Hepatocellular Adenoma TGLS = 4-23]		Hepatocellular Adenoma	Multiple
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0PPM	DISP: Terminal Sacrifice	HISTO: 00-90619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Fibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Skin	Subcut Tiss	Sarcoma	
	[Sarcoma TGLS = 2-21]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye	Cornea	Hyperplasia Inflammation	Mild Chronic, Moderate
Note: INFLAMMATION INVOLVES CORNEA.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-23]			
* Intestine Large, Cecum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-22]			
* Lung		Hemorrhage	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Pancreas		Cyst	Moderate
[Cyst TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* 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			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 2-21]	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Nose	Foreign Body	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Minimal
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Minimal
Note: MILD RESPIRATORY EPITHELIAL HYPERPLASIA ASSOCIATED WITH CHRONIC INFLAMMATION; NOT TABULATED.			
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 00-90623
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Necrosis	Marked
[Hyperplasia TGLS = 1-5]			
[Necrosis TGLS = 1-5]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0PPM	DISP: Terminal Sacrifice	HISTO: 00-90624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland	Adenoma	
* Kidney	Infarct	Minimal
	Nephropathy	Minimal
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Liver		Mixed Cell Focus	
* Lymph Node, Mandibular		Pigmentation	Mild
* Pancreas		Cyst	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Dysplasia	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: COLON AND JEJUNUM ARE SWITCHED ON SLIDES 3 AND 4.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90626
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 2-12]		Adenoma	
* Kidney		Nephropathy	Minimal
* Lung Note: ALVEOLAR EPITHELIAL HYPERPLASIA IS ON SLIDE 21; NO CYST IS APPARENT.	Alveolar Epith	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Moderate
[Cyst TGLS = 2-8]		
* Testes	Sertoli Cell Tumor Malignant	
[Sertoli Cell Tumor Malignant TGLS = 3-7]		
* Thyroid Gland	Degeneration	Cystic, Minimal
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Metaplasia	Osseous, Moderate
	Nephropathy	Minimal
	Hepatocellular Adenoma	
* Liver		
[Hepatocellular Adenoma TGLS = 2-21]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar/Bronchiolar Carcinoma	Lymphoid, Mild
	Hyperplasia	
Note: THE ALVEOLAR/BRONCHIOLAR CARCINOMA IS PRESENT ON SLIDES 2 AND 22.		
[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Parathyroid Gland	Cyst	Moderate
* Preputial Gland	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 650 HISTO: 00-88888
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

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

* Bone Marrow		Histiocytic Sarcoma	
* Harderian Gland		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-6]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Inguinal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-8]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-8]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-5]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 3-8]			
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-6]			
* Thymus		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Lung	Edema	Mild
* Preputial Gland	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]		
* Thymus	Cyst	Moderate
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Parathyroid Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes			
Note: SMALL SPERM GRANULOMA IN ONE TESTIS; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0PPM	DISP: Terminal Sacrifice	HISTO: 00-90631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Kidney	Nephropathy	Mild
* Liver	Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Harderian Gland	Adenoma	
Note: THE HARDERIAN GLAND ADENOMA IS PRESENT ON SLIDE 22 AND ALSO SLIDE 44 WITH EYE SECTION.		
[Adenoma TGLS = 3-22]		
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney	Cyst	Moderate
	Infarct	Mild
* Lung	Hemorrhage	Mild
[Hemorrhage TGLS = 2-21]		
* Spleen		
Note: EXTRA SECTION OF SPLEEN PRESENT ON SLIDE 6 WHICH APPEARS TO BE FROM AN ANIMAL OTHER THAN UM57.		
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 24

DOSE: 0PPM

DISP: Natural Death

HISTO: 98-84093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * 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 | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

INSUFFICIENT TISSUE

- * Pituitary Gland

OBSERVATIONS

- | | | |
|----------|---------|----------|
| * Kidney | Infarct | Marked |
| * Thymus | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH

- Kidney Infarct

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 668

DOSE: 0PPM

DISP: Moribund Sacrifice

HISTO: 00-88963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Prostate
- * Skin
- * Stomach, Glandular
- * Trachea

- * Adrenal Medulla
- * Epididymis
- * Harderian Gland
- * Intestine Small, Duodenum
- * Liver
- * Mammary Gland
- Peripheral Nerve
- * Salivary Glands
- Spinal Cord
- * Testes
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Nose
- * Pituitary Gland
- * Seminal Vesicle
- * Spleen
- * Thymus

- * Bone Marrow
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pancreas
- * Preputial Gland
- Skeletal Muscle
- * Stomach, Forestomach
- * Thyroid Gland

OBSERVATIONS

- * Heart
- * Kidney

Perivascular

Inflammation
Metaplasia
Nephropathy

Chronic, Mild
Osseous, Mild
Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: MILD CHRONIC ACTIVE PERIARTERITIS INVOLVING SEVERAL ORGANS INCLUDING STOMACH SER OSA, HEART, AND KIDNEY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule Hyperplasia Hypertrophy	Moderate Focal, Mild Focal, Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus Hepatocellular Adenoma Infiltration Cellular	Multiple Mixed Cell, Minimal
[Clear Cell Focus TGLS = 2-23] [Hepatocellular Adenoma TGLS = 3-21,4-22]		
* Lymph Node, Mesenteric	Hemorrhage Hyperplasia	Mild Lymphoid, Mild
[Hemorrhage TGLS = 5-5] [Hyperplasia TGLS = 5-5]		
Mesentery Note: MILD CHRONIC INFLAMMATION AND HEMORRHAGE IN MESENTERY ON SLIDE 7; NOT TABULATED.		
* Preputial Gland	Cyst Inflammation	Moderate Chronic, Mild
[Cyst TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Hyperplasia	Lymphoid, Mild
	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21,3-22]		
* Lung	Edema	Mild
	Hemorrhage	Mild
Note: THE LUNG EDEMA AND HEMORRHAGE ARE PERIVASCULAR.		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Kidney	Nephropathy	Mild
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Cyst	Moderate

[Cyst TGLS = 1-8]

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Stomach, Forestomach	* Stomach, Glandular
------------------------	----------------------

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Kidney	Infarct	Mild
	Nephropathy	Mild
* Liver	Basophilic Focus	
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-21]		
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pancreas
- * Salivary Glands
- * Stomach, Glandular
- * Trachea

- * Adrenal Medulla
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Testes
- * Urinary Bladder

- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Mammary Gland
- * Preputial Gland
- * Skin
- * Thymus

- * Bone Marrow
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Nose
- * Prostate
- * Stomach, Forestomach
- * Thyroid Gland

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | |
|----------|----------------------------------|---------------------|
| * Liver | Infiltration Cellular | Mixed Cell, Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Minimal |
| | Pigmentation | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 183
	DOSE: 625 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder			
Note: GALLBLADDER PRESENT ON SLIDE 6.			
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
Note: THE BASOPHILIC AND EOSINOPHILIC FOCI ARE ON SLIDE 22.			
Note: A PORTION OF THE HEPATOCELLULAR CARCINOMA IS ON SLIDE 6.			
		[Basophilic Focus TGLS = 4-22]	
		[Hepatocellular Carcinoma TGLS = 3-21]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Foreign Body	
		Inflammation	Chronic, Marked
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90639

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Germinal Epith

Atrophy

Moderate

Note: TESTICULAR ATROPHY IS BILATERAL.

[Atrophy TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Hyperplasia	Lymphoid, Mild
	Nephropathy	Minimal
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Eye		Inflammation	Chronic, Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 3 DOSE: 625 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90642
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Lung	Hemorrhage	Minimal
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild

[Cyst TGLS = 1-8]

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Mild
Note: CYSTS ARE PRESENT IN KIDNEY ON SLIDES 5 AND 22. [Cyst TGLS = 2-22]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Minimal
		Hyperplasia	Histiocyte, Mild
		Infiltration Cellular	
[Alveolar/Bronchiolar Adenoma TGLS = 3-21]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 3 DOSE: 625 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90645
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Cyst	Moderate
		Infarct	Mild
		Nephropathy	Minimal
		Basophilic Focus	
* Liver			
	[Basophilic Focus TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Edema	Mild
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-22,3-23]		
* Thymus		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Esophagus

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 183
	DOSE: 625 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver	Necrosis	Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | |
|-------------------|-------------|-------------|
| * Adrenal Cortex | Hypertrophy | Focal, Mild |
| * Kidney | Nephropathy | Mild |
| * Lung | Hemorrhage | Mild |
| * Preputial Gland | Cyst | Moderate |
- [Cyst TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
* Lung	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular	Pigmentation	Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Lymphoma Malignant	
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 9-25]			
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
		Necrosis	Focal, Mild
Note: THE HEPATOCELLULAR CARCINOMA IS PRESENT ON SLIDES 6 AND 24.			
[Hepatocellular Carcinoma TGLS = 8-24]			
[Infiltration Cellular TGLS = 7-28]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: ALVEOLAR/BRONCHIOLAR ADENOMA AND CARCINOMA ARE ON SLIDE 26.			
[Alveolar/Bronchiolar Carcinoma TGLS = 11-26]			
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-21]			
[Lymphoma Malignant TGLS = 5-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90649

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 10-2]			
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild	
* Preputial Gland	Cyst	Moderate	
	Inflammation	Chronic, Marked	
[Cyst TGLS = 2-27,3-27]			
[Inflammation TGLS = 2-27]			
* Skin	Inflammation	Chronic, Marked	
Note: MALIGNANT LYMPHOMA INFILTRATE IS PRESENT IN SOFT TISSUE ON SLIDE 22; NOT TABULATED.			
[Inflammation TGLS = 4-22]			
* Spleen	Hematopoietic Cell Proliferation	Marked	
	Lymphoma Malignant		
[Hematopoietic Cell Proliferation TGLS = 6-6]			
[Lymphoma Malignant TGLS = 6-6]			

PRIMARY CAUSE OF DEATH -

Animal Note: THE MALIGNANT LYMPHOMA HAS FEATURES OF A PLASMACYTOMA (MORPHOLOGY NOT AVAILABLE ON TDMS).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lung		Hemorrhage	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Stom Forestom			

Note: SMALL FOCUS OF CHRONIC INFLAMMATION AND CONCENTRIC FIBROSIS ON FORESTOMACH SEROSA; NOT TABULATED.

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Esophagus		
Note: ESOPHAGUS IS ON SLIDE 2.		
* Kidney	Nephropathy	Mild
* Liver	Necrosis	Focal, Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]		
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 40

DOSE: 625 PPM

DISP: Natural Death

HISTO: 98-85132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Gallbladder
* Intestine Large, Colon
* Kidney
* Nose
* Prostate
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Epididymis
* Harderian Gland
* Intestine Large, Rectum
* Liver
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Heart
* Intestine Small, Ileum
* Lung
* Parathyroid Gland
* Seminal Vesicle
* Testes

* Bone Marrow
* Eye
* Intestine Large, Cecum
* Islets, Pancreatic
* Mammary Gland
* Preputial Gland
* Skin
* Thyroid Gland

MISSING

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Pituitary Gland

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

* Intestine Small, Jejunum

OBSERVATIONS

* Spleen

Lymph Follic

Atrophy

Marked

Atrophy

Moderate

[Atrophy TGLS = 2-6]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney [Nephropathy TGLS = 3-5]	Nephropathy	Mild
* Liver [Hepatocellular Adenoma TGLS = 4-22,5-23]	Clear Cell Focus Hepatocellular Adenoma	
* Lung	Hemorrhage	Minimal
* Lymph Node, Mandibular Mesentery [Angiectasis TGLS = 2-21] [Inflammation TGLS = 2-21]	Hyperplasia Angiectasis Inflammation	Lymphoid, Mild Mild Chronic, Minimal
* Spleen	Hematopoietic Cell Proliferation Pigmentation	Mild Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 625 PPM

DISP: Natural Death

HISTO: 00-90139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum
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OBSERVATIONS

* Adren Cortex			
Note: POSSIBLE ACC ADR COR NOD IN ONE ADRENAL GLAND; UNABLE TO CONFIRM DUE TO TANGENTIAL SECTION.			
* Bone Marrow		Hemangiosarcoma	
* Kidney			
Note: STAINING ARTIFACT IN KIDNEY (METALLIC-APPEARING GRANULES IN RENAL TUBULES).			
* Liver		Hepatocellular Carcinoma Mixed Cell Focus	Multiple
[Hepatocellular Carcinoma TGLS = 3-22,4-23]			
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Marked Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach		Diverticulum	
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Pituitary Gland
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OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-23]			
* Kidney		Cyst	Moderate
		Infarct	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
		Tension Lipidosis	
Note: CLEAR CELL FOCUS IS ON SLIDE 22.			
[Clear Cell Focus TGLS = 3-22]			
[Eosinophilic Focus TGLS = 3-22]			
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Stomach, Forestomach		Diverticulum	
	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90654

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Epididymis	Inflammation	Chronic Active, Minimal
* Harderian Gland	Inflammation	Chronic, Moderate
Note: HAIR SHAFT FOREIGN BODY PRESENT IN HARDERIAN GLAND; MORPHOLOGY NOT AVAILABLE ON TDMS.		
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
	Hyperplasia	Focal, Mild
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 2-21]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Parathyroid Gland	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90	TRT#: 3	SEX: Male	DAY ON TEST: 183
	DOSE: 625 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Pituitary Gl

Note: PARS DISTALIS NOT PRESENT IN PITUITARY GLAND SECTION.

* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Infarct	Mild
	Nephropathy	Minimal
	Clear Cell Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-21]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92	TRT#: 3 DOSE: 625 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 00-90658
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

[Hyperplasia TGLS = 2-21]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-24]			
* Liver		Hepatocellular Carcinoma	Multiple
Note: MODERATE LYMPHOCYTIC INFILTRATE IN LIVER; NOT TABULATED.			
[Hepatocellular Carcinoma TGLS = 4-21,5-22,6-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Osteoma	
[Osteoma TGLS = 7-21]			
* Bone Marrow		Hyperplasia	Moderate
* Brain		Compression	Moderate
[Compression TGLS = 6-1]			
* Eye		Inflammation	Chronic, Marked
[Inflammation TGLS = 4-44]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-22]			
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
[Hyperplasia TGLS = 3-23]		Hyperplasia	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
* Lung		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 00-89839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
Note: THE NEPHROPATHY INCLUDES MILD GLOMERULOSCLEROSIS; NOT TABULATED SEPARATELY.			
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Moderate
[Hepatocellular Carcinoma TGLS = 4-21]			
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
Note: MILD HEMATOPOIESIS IN MANDIBULAR LYMPH NODE; CONSIDERED TO BE PART OF GENERALIZED LEUKEMOID RESPONSE AND NOT TABULATED.			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* 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			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis	Inflammation	Chronic Active, Mild
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
* Saliv Glands		
Note: MILD FOCAL PAROTID GLAND ATROPHY; NOT TABULATED.		
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 4-23]	Hyperplasia	Lymphoid, Mild
* Kidney	Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-22]	Hepatocellular Adenoma	
* Lymph Node, Mandibular	Pigmentation	Moderate
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 3-5]	Lymphoma Malignant	
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
* Lung	Alveolar/Bronchiolar Carcinoma	
	Edema	Mild
	Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2,1-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Cyst	Moderate
		Nephropathy	Minimal
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-21]			
Mesentery			
Note: CHRONIC ACTIVE INFLAMMATION OF MODERATE SEVERITY IN MESENTERY ADJACENT TO CECUM ON SLIDE 4; NOT TABULATED.			
* Spleen		Pigmentation	Minimal
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 2-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Cyst	Marked
		Hydronephrosis	Mild
[Cyst TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland	Inflammation	Chronic, Minimal
Note: HAIR SHAFT FOREIGN BODY IN HARDERIAN GLAND; TERM NOT AVAILABLE ON TDMS.		
* Kidney	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Liver	Tension Lipidosis	
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104	TRT#: 3 DOSE: 625 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 657 HISTO: 00-88889
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Moderate
	[Hepatocellular Carcinoma TGLS = 2-21]		
	[Necrosis TGLS = 3-22]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-22]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Cyst	Moderate
		Nephropathy	Minimal
[Cyst TGLS = 1-21]			
* Liver		Necrosis	Focal, Minimal
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107	TRT#: 3 DOSE: 625 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-90669
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2-21,3-22]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Mild
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Mild

Tooth

Note: CHRONIC INFLAMMATION IN INCISOR TOOTH; NOT TABULATED.

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Esophagus

Note: THE ESOPHAGUS IS PRESENT PRIMARILY ON SLIDE 2.

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Eye | * 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 | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Esophagus

OBSERVATIONS

- | | | | |
|--|---------|----------------------------------|----------|
| * Adrenal Cortex | Capsule | Adenoma | |
| * Harderian Gland | | Carcinoma | |
| [Carcinoma TGLS = 4-24] | | | |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Infarct | Mild |
| | | Nephropathy | Minimal |
| * Liver | | Hepatocellular Adenoma | Multiple |
| | | Mixed Cell Focus | |
| [Hepatocellular Adenoma TGLS = 2-22,3-23] | | | |
| [Mixed Cell Focus TGLS = 1-21] | | | |
| * Parathyroid Gland | | | |
| Note: PARATHYROID GLAND IS PRESENT ON SLIDE 2. | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Focal, Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Cyst	Moderate
[Cyst TGLS = 2-21]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Eosinophilic Focus	
	[Clear Cell Focus TGLS = 3-22,4-23,5-24]	Vacuolization Cytoplasmic	Moderate
	[Eosinophilic Focus TGLS = 6-25]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-21]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland	Adenoma	
* Intestine Small, Ileum	Hyperplasia	Lymphoid, Mild
* Kidney	Nephropathy	Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-5]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Inflammation	Chronic, Mild
Note: HAIR SHAFT FOREIGN BODIES IN HARDERIAN GLAND.			
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Carcinoma TGLS = 2-21,3-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery			
Note: MODERATE CHRONIC ACTIVE PERIARTERITIS IN MESENTERY ADJACENT TO PANCREAS ON SLIDE 7; NOT TABULATED.			
* Nose		Foreign Body	
		Inflammation	Chronic, Moderate
Note: EXTENSION OF HAIR SHAFT FOREIGN BODIES AND CHRONIC INFLAMMATION FROM ALONGSIDE INCISOR TEETH INTO MAXILLARY SINUS.			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Minimal
* Testes	Germinal Epith	Atrophy	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Lymphoma Malignant	
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Note: LESION ON SLIDE 23 INVOLVES THE MEDIASTINUM AND LUNG PLEURA.			
[Lymphoma Malignant TGLS = 7-23]			
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-21]			
[Lymphoma Malignant TGLS = 5-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90676

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 6-2]

* Urinary Bladder

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 2-21]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland	Adenoma	
	Inflammation	Chronic, Minimal
[Adenoma TGLS = 4-24]		
* Kidney	Cyst	Moderate
	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Necrosis	Focal, Minimal
Note: NO CORRELATING LESION FOR TGLS = 3-23.		
[Eosinophilic Focus TGLS = 1-21]		
[Hepatocellular Adenoma TGLS = 2-22]		
* Spleen	Pigmentation	Minimal
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119	TRT#: 3	SEX: Male	DAY ON TEST: 183
	DOSE: 625 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Valve	Hypertrophy	Mild
Note: HYPERTROPHIED HEART VALVES HAVE MODERATELY INCREASED BASOPHILIA.			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Esophagus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Granuloma Sperm Hyperplasia Inflammation Adenoma	Moderate Lymphoid, Mild Chronic Active, Mild
* Harderian Gland [Adenoma TGLS = 9-12]			
* Intestine Small, Jejunum [Carcinoma TGLS = 8-23]		Carcinoma	
* Liver Kupffer Cell [Hepatocellular Adenoma TGLS = 5-6] [Hepatocellular Carcinoma TGLS = 6-21,7-22]		Hepatocellular Adenoma Hepatocellular Carcinoma Pigmentation	Multiple Multiple Mild
* Lung Note: METASTATIC HEPATOCELLULAR CARCINOMA IS ON SLIDES 2 AND 24. [Alveolar/Bronchiolar Adenoma TGLS = 10-24]		Alveolar/Bronchiolar Adenoma Hemorrhage Hepatocellular Carcinoma Infiltration Cellular	Mild Metastatic (Liver) Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst Inflammation	Moderate Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90680

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]

[Inflammation TGLS = 2-8]

* Spleen

Lymph Follic

Atrophy

Minimal

Hematopoietic Cell Proliferation

Marked

[Hematopoietic Cell Proliferation TGLS = 3-6]

* Testes

Interstit Cell

Adenoma

Germinal Epith

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Kidney	Cyst	Moderate
	Infarct	Mild
	Nephropathy	Minimal
* Pancreas	Cyst	Moderate
* Preputial Gland	Cyst	Moderate
[Cyst TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124	TRT#: 5 DOSE: 1250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90682
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
Note: HISTIOCYTIC SARCOMA IS PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 2-21] [Histiocytic Sarcoma TGLS = 2-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
Note: MINIMAL MANDIBULAR LYMPH NODE HEMORRHAGE; NOT TABULATED.			
* Preputial Gland		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 400

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 99-87690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Liver		Angiectasis	Marked
Note: SEVERE LIVER ANGIECTASIS WAS ATTRIBUTED TO TORSION AND STRANGULATION OF CAUDATE LOBE.			
[Angiectasis TGLS = 2-22]			
* Lung		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

- Liver Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
Note: HEPATOCELLULAR ADENOMA PRESENT ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Edema	Mild
		Hemorrhage	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 7

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 98-84091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric			

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Spleen [Atrophy TGLS = 4-6]	Atrophy	Moderate
* Thymus [Atrophy TGLS = 5-2]	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Inflammation	Chronic Active, Moderate
* Intestine Small, Duodenum		Polyp Adenomatous	
Note: ADENOMATOUS POLYP IS INVOLVING A PORTION OF DUODENUM ATTACHED TO STOMACH PYLORUS.			
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Atrophy	Moderate
Note: TESTICULAR ATROPHY IS UNILATERAL.			
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Clear Cell Focus	
		Cytoplasmic Alteration	Minimal
	Hepatocyte	Hepatocellular Adenoma	
		Karyomegaly	Minimal
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 531

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 00-88226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
	Capsule	Hyperplasia	Mild
		Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 659

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 00-88946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Thymus
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INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Foreign Body	
		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-3]			
* Kidney		Cyst	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Parathyroid Gland			
Note: PARATHYROID GLAND IS PRESENT (SLIDE 3).			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow			
Note: AREA OF ANGIECTASIS IN BONE MARROW; NOT TABULATED.			
* Kidney		Cyst	Moderate
		Nephropathy	Mild
* Liver	Hepatocyte	Karyomegaly	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
	Note: THE CYTOPLASMIC ALTERATION INCLUDES VACUOLATED ACINAR CELLS.		
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Marked
Note: ALVEOLAR/BRONCHIOLAR ADENOMA IS ON SLIDE 21. [Alveolar/Bronchiolar Carcinoma TGLS = 1-21,2-22]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
Note: HEPATOCELLULAR ADENOMA IS PRESENT ON SLIDE 21 AND ON SLIDE 6 ADJACENT TO GALLBLADDER. [Mixed Cell Focus TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
Note: ALVEOLAR/BRONCHIOLAR ADENOMA IS SMALL.			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-5]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Hypospermia	Marked
		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-22]		
	[Hepatocellular Carcinoma TGLS = 2-21,4-23]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Germinal Epith	Atrophy	Moderate
	Note: TESTICULAR ATROPHY IS UNILATERAL.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Epididymis	Inflammation	Chronic Active, Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Harderian Gland		Hyperplasia	Focal, Mild
* Kidney		Cyst	Moderate
		Infarct	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-21]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Infarct	Moderate
		Metaplasia	Osseous, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Karyomegaly	Minimal
		Necrosis	Focal, Minimal
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
	Hepatocyte	Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-21]	Karyomegaly	Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | |
|---------------------------------|----------------------------------|---------------|
| * Adrenal Medulla | Hyperplasia | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Hematopoietic Cell Proliferation | Minimal |
| | Mixed Cell Focus | |
| [Mixed Cell Focus TGLS = 2-6] | | |
| * Lung | Hemorrhage | Mild |
| * Lymph Node, Mesenteric | Hemorrhage | Mild |
| * Preputial Gland | Cyst | Moderate |
| | Inflammation | Chronic, Mild |

[Cyst TGLS = 1-8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Cytoplasmic Alteration	Minimal
	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
		Karyomegaly	Minimal
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 22. [Mixed Cell Focus TGLS = 3-22]			
* Skin	Subcut Tiss	Schwannoma Benign	
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Leukemia Granulocytic	
		Tension Lipidosis	
Note: LESION IN LIVER IS CONSIDERED TO BE ERYTHROCYTIC LEUKEMIA; MORPHOLOGY NOT AVAILBLE ON TDMS AND ENTERED INSTEAD AS "GRANULOCYTIC LEUKEMIA".			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 3-21]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 2-6]	

* Urin Bladder
Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex Note: SMALL CYST IN ADRENAL CORTEX; MORPHOLOGY NOT AVAILABLE ON TDMS.		Hypertrophy	Focal, Minimal
* Kidney		Hyperplasia Infarct Nephropathy	Lymphoid, Mild Moderate Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Testes	Germinal Epith	Atrophy	Mild
Note: TESTICULAR ATROPHY IS UNILATERAL.			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 7

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 98-84023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Lymph Node, Mandibular	Atrophy	Mild
* Lymph Node, Mesenteric	Atrophy	Mild
Penis	Angiectasis	Moderate
[Angiectasis TGLS = 5-21]		
* Spleen	Atrophy	Moderate
[Atrophy TGLS = 1-6]		
* Thymus	Atrophy	Moderate
[Atrophy TGLS = 6-2]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 718

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 00-89995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-6]			
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Pancreas		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 706

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-89840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Harderian Gland	* Lymph Node, Mandibular
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OBSERVATIONS

* Liver		Hepatocellular Carcinoma Infiltration Cellular	Multiple Mixed Cell, Mild
[Hepatocellular Carcinoma TGLS = 3-21,4-22,5-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-2]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy Pigmentation	Moderate Minimal
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: FOREIGN BODIES (HAIR SHAFTS) AND MODERATE CHRONIC INFLAMMATION SURROUNDING ONE OF THE INCISOR TEETH.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 611

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-88483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adren Cortex			
Note: ONE ADRENAL GLAND PRESENT.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Bone Marrow	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Mild
* Lung	Metaplasia	Osseous, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Cyst	Moderate
	Inflammation	Chronic, Mild
[Cyst TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* 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	Mesentery	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 2-22]	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Lymphoid, Mild
Note: MILD FOREIGN BODY IN LUNG; NOT TABULATED.			
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
Mesentery			
Note: MILD LYMPHOCYTIC INFILTRATE IN MESENTERY; CONSIDERED BACKGROUND CHANGE AND NOT TABULATED.			
* Parathyroid Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 21

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 98-84339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Harderian Gland
* Liver
* Nose
* Prostate
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Epididymis
* Heart
* Lung
* Parathyroid Gland
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Lymph Node, Mandibular
* Pituitary Gland
* Seminal Vesicle
* Testes

* Bone Marrow
* Eye
* Kidney
* Mammary Gland
* Preputial Gland
* Skin
* Thyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Ileum
* Pancreas

* Intestine Large, Cecum
* Intestine Small, Jejunum

* Intestine Large, Rectum
* Islets, Pancreatic

* Intestine Small, Duodenum
* Lymph Node, Mesenteric

OBSERVATIONS

* Spleen
* Thymus
* Urin Bladder

Atrophy
Atrophy

Moderate
Moderate

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Mild
* Liver	Basophilic Focus	
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Nose	Foreign Body	
	Inflammation	Chronic, Minimal
* Pancreas	Atrophy	Marked
	Cyst	Moderate
Note: PANCREATIC ATROPHY IS MOST PRONOUNCED ON SLIDE 21. [Atrophy TGLS = 2-7] [Cyst TGLS = 1-21]		
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation Pigmentation	Minimal Mild Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Esophagus			
Note: ESOPHAGUS IS PRESENT ON SLIDE 4.			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Spleen		Inflammation	Chronic, Mild
* Urin Bladder		Hematopoietic Cell Proliferation	Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 512

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-88171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Esophagus	* Intestine Small, Duodenum	* Parathyroid Gland
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OBSERVATIONS

* Adren Cortex			
Note: DIFFUSE ADRENAL CORTICAL HYPERPLASIA; CONSIDERED SECONDARY TO STRESS ASSOCIATED WITH RENAL LESION AND NOT TABULATED.			
* Kidney	Renal Tubule	Carcinoma	
	[Carcinoma TGLS = 1-21]		
* Liver			
Note: APPARENT MILD HEPATOCELLULAR ATROPHY IN PERIPORTAL AREAS; CHANGE NOT TABULATED ON TDMS.			
* Lung		Carcinoma	Metastatic (Kidney)
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Bone Marrow	Hyperplasia	Moderate
* Epididymis	Granuloma Sperm	Moderate
	Inflammation	Chronic Active, Mild
[Granuloma Sperm TGLS = 1-7,1-7-1]		
* Esophagus		
Note: ESOPHAGUS IS ON SLIDE 2.		
Note: ESOPHAGUS IS ON SLIDE 2.		
* Eye	Inflammation	Chronic, Minimal
* Harderian Gland	Adenoma	
[Adenoma TGLS = 4-21]		
* Intestine Small, Jejunum	Infiltration Cellular	Polymorphnuclr, Moderate
[Infiltration Cellular TGLS = 6-3]		
* Kidney	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-5]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163	TRT#: 5 DOSE: 1250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-90707
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Pigmentation	Moderate Mild
* Testes Note: TESTICULAR ATROPHY IS BILATERAL. [Atrophy TGLS = 2-7]	Germinal Epith	Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Eye	* Gallbladder
* Harderian Gland	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lymph Node, Mandibular		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney			
Note: THE RENAL TUBULAR CYTOPLASM IN THIS ANIMAL AND MOST OF THE OTHER TREATED MICE IS GENERALLY LESS VACUOLATED THAN THAT OF THE UNTREATED CONTROL MICE.			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Eye

* Gallbladder

* Harderian Gland

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Mammary Gland

* Nose

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Preputial Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Skin

* Stomach, Forestomach

* Stomach, Glandular

* Testes

* Thymus

* Trachea

* Urinary Bladder

OBSERVATIONS

* Gallbladder

Note: GALLBLADDER IS PRESENT AND NORMAL (SLIDE 6).

* Liver

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Alveolar/Bronchiolar Adenoma

Hemorrhage

Mild

* Spleen

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 168

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
	Infiltration Cellular	Mixed Cell, Minimal
	Necrosis	Focal, Marked
[Hepatocellular Adenoma TGLS = 4-24]		
[Hepatocellular Carcinoma TGLS = 1-21,3-23]		
[Necrosis TGLS = 2-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
	Hyperplasia	Lymphoid, Mild
Note: METASTATIC HEPATOCELLULAR CARCINOMA PRESENT ON SLIDES 2 AND 2-1.		
[Hepatocellular Carcinoma TGLS = 6-2-1]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
	Pigmentation	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 654

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 00-88890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Islets, Pancreatic
* Mammary Gland
* Preputial Gland
* Skin
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Kidney
* Nose
* Prostate
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Liver
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Eye
* Intestine Large, Rectum
* Lymph Node, Mandibular
* Pituitary Gland
* Seminal Vesicle
* Testes

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder
* Lymph Node, Mesenteric

* Intestine Small, Duodenum
* Spleen

* Intestine Small, Ileum

* Intestine Small, Jejunum

OBSERVATIONS

* Harderian Gland
* Lung

Adenoma
Alveolar/Bronchiolar Carcinoma

Note: THE LUNG ALVEOLAR/BRONCHIOLAR CARCINOMA IS PRESENT ON SLIDES 2 AND 21.

[Alveolar/Bronchiolar Carcinoma TGLS = 1-21]

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Hyperplasia	Lymphoid, Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 4-21,5-22]		
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
	[Hemangiosarcoma TGLS = 3-6]		
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Testes	Germinal Epith	Atrophy	Mild
	Note: TESTICULAR ATROPHY IS UNILATERAL.		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90710

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 171

TRT#: 5

SEX: Male

DAY ON TEST: 623

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-88793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Eye		Cataract	Moderate
	Cornea	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-22]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4-23]			
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland	Adenoma	
[Adenoma TGLS = 1-21]		
* Kidney	Cyst	Moderate
* Liver	Clear Cell Focus	
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 7

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 98-84094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

- * Liver
Note: HEPATOCELLULAR GLYCOGEN DEPLETION; CONSIDERED AGONAL CHANGE AND NOT TABULATED.
- * Preputial GI
Note: BOTH PREPUTIAL GLANDS ARE PRESENT (SLIDE 8).
- * Spleen
[Atrophy TGLS = 1-6]
Atrophy Moderate
- * Stom Forestom
Note: APPARENT THICKENING OF FORESTOMACH MUCOSA; POSSIBLE PHYSIOLOGICAL CHANGE FROM DIMINISHED FOOD INTAKE.
- * Thymus
[Atrophy TGLS = 5-2]
Atrophy Marked
- * Urin Bladder
Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Inflammation	Chronic Active, Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Carcinoma	
		Karyomegaly	Minimal
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Foreign Body	
		Inflammation	Chronic, Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
	[Cyst TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90712

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Germinal Epith

Atrophy

Minimal

* Thyroid Gland

Degeneration

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 175

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver	Hematopoietic Cell Proliferation	Minimal
	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 176

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 98-84095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Harderian Gland	* Lymph Node, Mesenteric
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Glandular			

INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Spleen	Lymph Follic	Atrophy	Marked
* Thymus		Atrophy	Marked
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland		Hyperplasia	Focal, Moderate
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lung		Metaplasia	Osseous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
Tooth			

Note: MODERATE CHRONIC INFLAMMATION IN INCISOR TEETH; NOT TABULATED.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 178

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Cyst	Moderate
		Nephropathy	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
	Hepatocyte	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-21]	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-22]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-21,2-6]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Minimal
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Harderian Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney	Renal Tubule	Pigmentation	Mild
Note: PIGMENTATION CONSISTS OF FINE GOLDEN-BROWN GRANULES IN CYTOPLASM OF PROXIMAL TUBULES. INCREASED CYTOPLASMIC EOSINOPHILIA OF THE PIGMENTED RENAL TUBULES.			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 7

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 98-84035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Spleen [Atrophy TGLS = 5-6]	Atrophy	Moderate
* Stom Forestom Note: FORESTOMACH MUCOSA IS MILDLY THICKENED; CONSIDERED TO BE PHYSIOLOGICAL CHANGE POSSIBLY SECONDARY TO DIMINISHED FOOD INTAKE.		
* Thymus [Atrophy TGLS = 4-2]	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Note: BONE MARROW HYPERPLASIA IS PRIMARILY A SHIFT TO THE ERYTHROID CELL SERIES.			
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Karyomegaly	Mild
		[Clear Cell Focus TGLS = 2-22]	
		[Hepatocellular Adenoma TGLS = 1-21]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH

-

Animal Note: Prussian blue iron stain performed on spleen and kidney to identify pigment; bot h tissues strongly positive for iron (indicative of hemosiderin).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Karyomegaly	Minimal
	[Hepatocellular Adenoma TGLS = 1-21,2-22,3-6]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Karyomegaly	Minimal
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Note: THE BONE MARROW HYPERPLASIA APPEARS PRIMARILY AS A RELATIVE SHIFT TO THE ERYTHROID SERIES.			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-4]			
* Kidney	Renal Tubule	Cyst	Moderate
		Hyperplasia	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90718

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
Note: THE HEMATOPOIETIC CELL PROLIFERATION APPEARS TO BE PRIMARILY ERYTHROPOIETIC.			
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Moderate
[Cyst TGLS = 2-21]			
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 531

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-88227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* 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	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5]	Renal Tubule	Pigmentation	Mild
* Liver	Kupffer Cell	Pigmentation	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Prostate		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
* Stomach, Forestomach		Ulcer	Moderate
* Testes	Germinal Epith	Atrophy	Minimal
Urethra		Angiectasis	Marked
[Angiectasis TGLS = 3-21]		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 3-21]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 531

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-88227

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1 IS MODERATE URINARY BLADDER DILATATION; MORPHOLOGY NOT AVAILABLE ON TDMS.

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
	Kupffer Cell	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-21]	Pigmentation	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: 00-90722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Karyomegaly	Minimal
	[Hepatocellular Adenoma TGLS = 2-21]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
Note: CYST IN ADRENAL CORTEX; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
		Pigmentation	Moderate
* Liver	Renal Tubule	Cytoplasmic Alteration	Mild
	Hepatocyte	Eosinophilic Focus	
	Hepatocyte	Karyomegaly	Minimal
	[Eosinophilic Focus TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-22]		
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Moderate
		Inflammation	Chronic Active, Moderate
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Testes	Germinal Epith	Atrophy	Mild

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
		Eosinophilic Focus	
	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
	Kupffer Cell	Karyomegaly	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 4-22]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
		Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90725

ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
		Hyperplasia	Lymphoid, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2,2-22]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
	Note: FOCUS OF MILD HEMORRHAGE IN MESENTERY; NOT TABULATED.		
	[Necrosis TGLS = 1-21]		
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urin Bladder			
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Renal Tubule	Infarct	Mild
		Pigmentation	Mild
Note: KIDNEY CYSTS ARE PRESENT ON SLIDES 5 AND 21. [Cyst TGLS = 2-21]			
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Karyomegaly	Minimal
	Kupffer Cell	Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Cyst	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

Note: MILD DEGENERATION AND DIMINUTION OF COLLOID IN THIS AND SOME OF THE OTHER THYROID GLANDS WITH HYPERTROPHIED FOLLICULAR CELLS.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 695

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 00-89672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 3-22]			
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Mild
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Mild
Note: HYPERPLASTIC RENAL TUBULES ARE MILDLY DILATED.			
* Liver	Kupffer Cell	Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 2-6]		Pigmentation	Minimal
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 5-2,6-23]			
Lymph Node	Inguinal	Osteosarcoma	Metastatic (Bone)
	Mediastinal	Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 4-2]			
[Osteosarcoma TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Osteosarcoma	Metastatic (Bone)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 695

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 00-89672

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 202

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Nephropathy	Minimal
* Liver		Pigmentation	Moderate
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	Kupffer Cell	Pigmentation	Marked
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Chronic, Mild
	[Hepatocellular Carcinoma TGLS = 3-22]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Testes			
	Note: TESTICULAR ATROPHY IS UNILATERAL.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202	TRT#: 7 DOSE: 2500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-90728
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 656

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 00-88891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Liposarcoma	Metastatic (Uncertain Primary Site)
[Liposarcoma TGLS = 5-23]			
* Bone Marrow		Hyperplasia	Mild
* Heart		Liposarcoma	Metastatic (Uncertain Primary Site)
* Kidney		Liposarcoma	Metastatic (Uncertain Primary Site)
	Renal Tubule	Pigmentation	Mild
Note: FOCAL AREA OF TUBULAR NECROSIS ASSOCIATED WITH METASTATIC LIPOSARCOMA; NOT TABULATED.			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Liposarcoma	Metastatic (Uncertain Primary Site)
[Hepatocellular Carcinoma TGLS = 3-22]			
[Liposarcoma TGLS = 3-22]			
* Lung		Hemorrhage	Marked
		Liposarcoma	Metastatic (Uncertain Primary Site)
[Hemorrhage TGLS = 7-2]			
[Liposarcoma TGLS = 6-24,8-2]			
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 656

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 00-88891

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 1-8]		Atrophy Necrosis Cyst	Moderate Moderate Moderate
Skeletal Muscle Note: METASTATIC LIPOSARCOMA IS PRESENT IN SKELETAL MUSCLE ON SLIDES 21 AND 23. [Liposarcoma TGLS = 2-21]		Liposarcoma	Metastatic (Uncertain Primary Site)
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation Pigmentation	Moderate Moderate Mild
* Thymus		Atrophy	Moderate
* Urin Bladder Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH - Liver Liposarcoma Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 7

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 98-84036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mandibular Penis Note: CONGESTION OF SINUSES OF CORPUS CAVERNOSUM; NOT TABULATED.		Atrophy	Moderate
* Spleen [Atrophy TGLS = 2-6]	Lymph Follic	Atrophy	Moderate
* Thymus [Atrophy TGLS = 6-2]		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Pituitary Gland		Lymphoma Malignant	
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
		Degeneration	Cystic, Mild
	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Carcinoma	
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Moderate
		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Karyomegaly	Minimal
	Kupffer Cell	Pigmentation	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Cyst	Moderate
		[Cyst TGLS = 2-21]	
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		[Hyperplasia TGLS = 4-22]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urin Bladder			
		Note: INFUSION ARTIFACT IN URINARY BLADDER.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90730

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: MODERATE PYOGRANULOMATOUS INFLAMMATION INVOLVING MESENTERY ON SEVERAL SLIDES INCLUDING 5, 7, 10, AND 21. INFLAMMATION MAY HAVE RESULTED FROM PANCREATIC CYST.

Animal Note: MODERATE CHRONIC ACTIVE INFLAMMATION INVOLVING INCISOR TEETH; NOT TABULATED.

Animal Note: MESENTERIC INFLAMMATION NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 207

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
* Nose		Foreign Body	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 21

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 98-84096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Liver	Necrosis	Diffuse, Moderate
Note: HEPATOCELLULAR GLYCOGEN DEPLETION (AGONAL CHANGE); NOT TABULATED.		
* Lymph Node, Mandibular	Atrophy	Moderate
* Spleen	Atrophy	Mild
* Thymus	Atrophy	Marked
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Mild
		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	
		Karyomegaly	Minimal
		[Eosinophilic Focus TGLS = 4-6]	
		[Hepatocellular Adenoma TGLS = 3-21]	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Cyst	Moderate
		[Cyst TGLS = 1-8]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90732

ORGAN AND ACCOUNTABLE SITE STATUS

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Papilla	Necrosis	Mild
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Moderate
* Liver	Hepatocyte	Basophilic Focus	
		Cytoplasmic Alteration	Mild
	Hepatocyte	Hemangioma	
	Kupffer Cell	Karyomegaly	Mild
		Pigmentation	Moderate
	[Hemangioma TGLS = 3-21]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Karyomegaly	Mild
		Mixed Cell Focus	
	[Clear Cell Focus TGLS = 3-6]		
	[Mixed Cell Focus TGLS = 3-6]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Testes	Germinal Epith	Atrophy	Mild
	Note: TESTICULAR ATROPHY IS UNILATERAL.		
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90734

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Karyomegaly	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * 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 |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|---|----------------|----------------------------------|----------|
| * Bone Marrow | | Hyperplasia | Mild |
| * Kidney | Renal Tubule | Pigmentation | Mild |
| * Spleen | Lymph Follic | Atrophy | Minimal |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| * Thyroid Gland | Follicular Cel | Hypertrophy | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Mild
* Kidney		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Kupffer Cell	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-21,4-22]	Pigmentation	Minimal
* Lung		Hemangiosarcoma	Metastatic (Liver)
* Nose		Foreign Body	
		Inflammation	Chronic, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain			
Note: DARK BROWN (MELANIN-LIKE) PIGMENT IN MENINGES OF BRAIN SECTION ON SLIDE 1.1; CONSIDERED INCIDENTAL AND NOT TABULATED.			
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Karyomegaly	Minimal
* Lung		Hemorrhage	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 654

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-88892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Minimal
[Eosinophilic Focus TGLS = 2-21]			
* Spleen		Angiectasis	Mild
	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Note: MILD STROMAL HYPERPLASIA IN AREA OF ANGIECTASIS; NOT TABULATED.			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			

Note: URINARY BLADDER DILATED; MORPHOLOGY NOT AVAILABLE IN TDMS LEXICON.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Karyomegaly	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
		Hepatocellular Adenoma	
	Hepatocyte	Karyomegaly	Minimal
	Kupffer Cell	Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Parathyroid Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Karyomegaly	Minimal
		Necrosis	Focal, Marked
	Kupffer Cell	Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 2-22]		
	[Hepatodiaphragmatic Nodule TGLS = 3-23]		
	[Necrosis TGLS = 1-21]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90738

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Hyperplasia	Lymphoid, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Moderate
		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	
	Kupffer Cell	Karyomegaly	Mild
		Pigmentation	Minimal
	[Eosinophilic Focus TGLS = 2-6]		
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Edema	Mild
		Hyperplasia	Lymphoid, Mild
	Note: ALVEOLAR/BRONCHIOLAR ADENOMA PRESENT ON SLIDES 2 AND 21.		
	[Alveolar/Bronchiolar Adenoma TGLS = 3-21]		
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90739

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Pigmentation

Mild

Follicular Cel

Hyperplasia

Moderate

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Hyperplasia	Lymphoid, Mild
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Note: KIDNEY CYSTS ON SLIDES 5 AND 21. [Cyst TGLS = 2-21]			
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
[Hemangiosarcoma TGLS = 4-23] [Hepatocellular Adenoma TGLS = 3-22]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90740

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Pigmentation	Mild
[Adenoma TGLS = 2-22]			
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Karyomegaly	Mild
Note: KARYOMEGALY AND CYTOPLASMIC ALTERATION INVOLVE CENTRIOBULAR AREAS.			
[Hepatocellular Adenoma TGLS = 1-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes	Germinal Epith	Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH -

Animal Note: TESTIS AND EPIDIDYMIS CHANGES ARE UNILATERAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 224

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Inflammation	Chronic Active, Marked
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Karyomegaly	Mild
	Kupffer Cell	Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 3-22]		
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-23]		
* Prostate			
	Note: APPARENT SPERM GRANULOMA IN PROSTATE; MORPHOLOGY NOT AVAILABLE ON TDMS.		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224	TRT#: 7 DOSE: 2500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 00-90742
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Atrophy	Moderate
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
	Follicular Cel	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: TESTIS AND EPIDIDYMIS CHANGES ARE UNILATERAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Mild
		Inflammation	Chronic Active, Marked
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
		Necrosis	Focal, Minimal
	[Necrosis TGLS = 3-21]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
	Note: MODERATE HEMATOPOIESIS; CONSIDERED PART OF GENERALIZED LEUKEMOID RESPONSE AND NOT TABULATED.		
	[Hyperplasia TGLS = 4-5]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Testes	Germinal Epith	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225

TRT#: 7
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 00-90743

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TESTIS CHANGES ARE BILATERAL.

* Thyroid Gland

Follicular Cel
Follicular Cel

Hyperplasia
Hypertrophy

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
		Pigmentation	Moderate
* Liver	Renal Tubule	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Necrosis	Focal, Moderate
	Kupffer Cell	Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Cyst	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Testes	Interstitial Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
	[Adenoma TGLS = 2-22]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
Note: MODERATE THROMBOSIS IN BONE MARROW; NOT TABULATED.			
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Karyomegaly	Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Eye		Cataract	Mild
		Inflammation	Chronic, Moderate
			[Cataract TGLS = 3-44]
			[Inflammation TGLS = 3-44]
* Harderian Gland		Adenoma	
			[Adenoma TGLS = 4-22]
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Karyomegaly	Minimal
			[Hepatocellular Adenoma TGLS = 1-23,2-21]
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 229

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Karyomegaly	Mild
		Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 2-21]		
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 230

TRT#: 7

SEX: Male

DAY ON TEST: 701

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-89673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
		Necrosis	Focal, Minimal
* Lung		Thrombosis	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Peripheral Nerve		Atrophy	Mild
Skeletal Muscle		Atrophy	Mild
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Inflammation	Chronic, Marked
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- Tooth Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231

TRT#: 7

SEX: Male

DAY ON TEST: 7

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 98-84024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Lymph Node, Mandibular	Atrophy	Moderate
* Lymph Node, Mesenteric	Atrophy	Moderate
Penis [Angiectasis TGLS = 1-21]	Angiectasis	Moderate
* Spleen [Atrophy TGLS = 2-6]	Atrophy	Moderate
* Thymus [Atrophy TGLS = 6-2]	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Mild
		Inflammation	Chronic Active, Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Karyomegaly	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-21]		
* Testes	Germinal Epith	Atrophy	Moderate
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
* Urin Bladder			
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90748

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Karyomegaly	Minimal
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
		[Cytoplasmic Alteration TGLS = 5-6]	
		[Hepatocellular Adenoma TGLS = 3-21,4-22]	
		[Necrosis TGLS = 5-6]	
* Lung		Edema	Mild
		Inflammation	Chronic, Minimal
* Pancreas		Cyst	Moderate
		[Cyst TGLS = 2-23]	
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Marked
		[Cyst TGLS = 1-8]	
		[Inflammation TGLS = 1-8]	
* Spleen	Lymph Follic	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233	TRT#: 7 DOSE: 2500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-90749
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Hematopoietic Cell Proliferation	Moderate
Note: TESTICULAR ATROPHY IS UNILATERAL.		Pigmentation	Minimal
		Atrophy	Minimal
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 234

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Karyomegaly	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Testes	Germinal Epith	Atrophy	Mild
* Thyroid Gland	Bilateral, Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 235

TRT#: 7

SEX: Male

DAY ON TEST: 693

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-89674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Carcinoma TGLS = 4-21,5-22]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Testes	Germinal Epith	Atrophy	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 236

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90751

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Moderate
		Inflammation	Chronic Active, Moderate
* Eye		Inflammation	Chronic, Moderate
Note: INFLAMMATION INVOLVES CONJUNCTIVA AND LIDS.			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-21]			
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Minimal
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular			
[Hyperplasia TGLS = 1-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
		Atrophy	Moderate
* Testes	Germinal Epith		
Note: TESTICULAR ATROPHY IS UNILATERAL.			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236	TRT#: 7 DOSE: 2500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 00-90751
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ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel	Hypertrophy	Minimal
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PRIMARY CAUSE OF DEATH -

Animal Note: INFLAMMATION APPARENTLY EXTENDING FROM EYE IS EVIDENT IN SKIN ON NASAL SECTIONS ON SLIDE 9; NOT TABULATED ON TDMS.

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 237

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Inflammation	Chronic, Mild
* Intestine Small, Ileum		Infiltration Cellular	Polymorphnuclr, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Mild
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Minimal
	Kupffer Cell	Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 1-21]		
* Prostate		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Testes	Germinal Epith	Atrophy	Minimal
	Note: TESTICULAR ATROPHY IS UNILATERAL.		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90752

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 238

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytoplasmic Alteration	Minimal
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Minimal
		Necrosis	Focal, Moderate
Note: FOCAL NECROSIS IS ON SLIDE 21 ADJACENT TO HEPATOCELLULAR CARCINOMA. [Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238

TRT#: 7
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 00-90753

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel
Follicular Cel

Hyperplasia
Hypertrophy

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytoplasmic Alteration	Mild
	Hepatocyte	Hepatocellular Carcinoma	
	Kupffer Cell	Karyomegaly	Minimal
		Pigmentation	Mild
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2,3-22]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90754

ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel

Hypertrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
	Capsule	Adenoma	
		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Inflammation	Chronic, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytoplasmic Alteration	Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Edema	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 1-21]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90755

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Stom Gland			
Note: INFILTRATION OF EOSINOPHILS IN GLANDULAR STOMACH; CONSIDERED INCIDENTAL CHANGE AND NOT TABULATED.			
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 00-90416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 4-21]			
* Pancreas		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Mixed Cell Focus	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Ovary		Angiectasis	Moderate
		Cyst	Moderate
[Angiectasis TGLS = 2-7]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 533

DOSE: 0PPM

DISP: Moribund Sacrifice

HISTO: 00-88228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-21]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
		Necrosis	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Lymphoid, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 2-21]		
* Lymph Node, Mandibular		Pigmentation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
Lymph Node	* 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		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Moderate
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 4-8]			
* Spleen		Congestion	Mild
	Lymph Follic	Hyperplasia	Mild
[Congestion TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 00-90422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
[Congestion TGLS = 3-6]			
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 183
HISTO: 99-85719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

MISSING

* Trachea

OBSERVATIONS

* Liver	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 252

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 183
HISTO: 99-85720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 253

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 183
HISTO: 99-85721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular	Pigmentation	Mild
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: PITUITARY GLAND AND RECTUM ARE ON SLIDE 3 AND THYROID GLAND IS ON SLIDE 1.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Ovary
- * Skin
- * Trachea

- * Adrenal Medulla
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Lymph Node, Mesenteric
- * Pancreas
- * Stomach, Forestomach
- * Urinary Bladder

- * Bone
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Mammary Gland
- * Pituitary Gland
- * Stomach, Glandular
- * Uterus

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lung
- * Nose
- * Salivary Glands
- * Thymus

MISSING

- * Clitoral Gland
- * Parathyroid Gland

- * Thyroid Gland

OBSERVATIONS

- * Pituitary Gl
Note: PITUITARY GLAND IS ON SLIDE 3.
- * Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 183
HISTO: 99-85723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Skin	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-22]			
* Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			
* Ovary		Angiectasis	Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
		Pigmentation	Mild
* Ovary		Angiectasis	Mild
		Cyst	Moderate
[Angiectasis TGLS = 3-7]			
[Cyst TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | | | |

OBSERVATIONS

- | | | | |
|----------------------------|-------------|------------------------|---------------------|
| * Harderian Gland | | Hyperplasia | Mild |
| * Liver | | Hepatocellular Adenoma | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Ovary | | Cyst | Moderate |
| * Urinary Bladder | | Hyperplasia | Lymphoid, Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* 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

* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 260

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-12]			
* Kidney		Cyst	Moderate
[Cyst TGLS = 4-21]			
* Liver		Hematopoietic Cell Proliferation	Marked
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Moderate
	Renal	Hematopoietic Cell Proliferation	Moderate
	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
[Hematopoietic Cell Proliferation TGLS = 7-23]			
[Hematopoietic Cell Proliferation TGLS = 5-22]			
[Hyperplasia TGLS = 7-23]			
[Hyperplasia TGLS = 5-22]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Ovary		Inflammation	Chronic, Marked
[Inflammation TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260	TRT#: 2 DOSE: 0PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 00-90428
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia Inflammation Metaplasia	Cystic, Moderate Chronic, Moderate Squamous, Marked
[Inflammation TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: UNIDENTIFIED TISSUE WITH MODERATE CHRONIC INFLAMMATION PRESENT ON SLIDE 12.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 261

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Mild
	Iliac	Hyperplasia	Lymphoid, Mild
	[Hematopoietic Cell Proliferation TGLS = 6-22]		
	[Hyperplasia TGLS = 6-22]		
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Thymus		Atrophy	Mild
* Uterus		Sarcoma Stromal	
	[Sarcoma Stromal TGLS = 2-7,3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 262

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | | | |

OBSERVATIONS

- | | | | |
|---|--------------|-------------------------|--------------------|
| * Liver | | Clear Cell Focus | |
| | | Hyperplasia | Lymphoid, Mild |
| | | Necrosis | Focal, Minimal |
| * Lung | | Hyperplasia | Lymphoid, Moderate |
| * Spleen | Lymph Follic | Hyperplasia | Mild |
| * Stomach, Forestomach | | Squamous Cell Papilloma | |
| [Squamous Cell Papilloma TGLS = 2-21] | | | |
| * Urinary Bladder | | Hyperplasia | Lymphoid, Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 263

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Hyperplasia Nephropathy	Lymphoid, Mild Minimal
* Liver		Hyperplasia Infiltration Cellular	Lymphoid, Mild Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary [Cyst TGLS = 2-7]		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hyperplasia	Lymphoid, Mild
* Lung			
Note: LUNGS ARE NOT INFUSED AND APPEAR MARKEDLY ATELECTATIC; CONSIDERED ARTIFACTUAL.			
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-6]			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 2-7,3-7]			
[Inflammation TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Necrosis	Focal, Marked
[Necrosis TGLS = 4-6]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-22]			
[Hyperplasia TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Moderate
Note: ANGIECTASIS IS IN THE MYOMETRIUM.			
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 266

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Ovary		Angiectasis	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 267

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-21]			
* Lung		Edema	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: 0PPM

DISP: Natural Death

HISTO: 00-90140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone	Hyperostosis	Mild
Note: THE TERM "HYPEROSTOSIS" IS USED TO DESIGNATE A FIBRO-OSSEOUS CHANGE (ZONES OF FIBROVASCULAR TISSUE IN METAPHYSIS AND/OR DIAPHYSIS OF FEMUR).		
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-22]	
	[Hepatocellular Carcinoma TGLS = 1-21]	
* Lung	Edema	Mild
	Foreign Body	
* Lymph Node, Mandibular	Pigmentation	Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Mild
* Uterus	Endometrium	Cystic, Moderate
	Hyperplasia	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 402
HISTO: 99-87692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Mammary Gland

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 3-21]			
* Kidney		Nephropathy	Minimal
* Salivary Glands		Atrophy	Mild
* Thymus		Atrophy	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER WALL.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 270

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	Lacrimal Gland	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Foreign Body	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 4-4]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
[Infiltration Cellular TGLS = 4-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-8]			
[Lymphoma Malignant TGLS = 5-22]			
[Lymphoma Malignant TGLS = 6-23]			
[Lymphoma Malignant TGLS = 3-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-8]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA IS PRESENT IN SECTION OF PANCREAS ON SLIDE 22.			
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271	TRT#: 2 DOSE: 0PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 00-90437
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MULTIPLE HAIR SHAFTS ACCOMPANIED BY MODERATE SUPPURATIVE INFLAMMATION IS PRESENT ALONGSIDE INCISOR TOOTH (SLIDE 9).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery		Inflammation	Chronic, Marked
[Inflammation TGLS = 3-21]			
* Ovary		Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adren Cortex

Note: MILD HEMATOPOIESIS; NOT TABUALTED.

* Bone Marrow

Lymphoma Malignant

* Kidney

Lymphoma Malignant

* Liver

Hematopoietic Cell Proliferation

Moderate

* Lung

Lymphoma Malignant

Lymph Node

Bronchial

Lymphoma Malignant

Iliac

Lymphoma Malignant

Renal

Lymphoma Malignant

Lymphoma Malignant

[Lymphoma Malignant TGLS = 4-21]

[Lymphoma Malignant TGLS = 5-22]

[Lymphoma Malignant TGLS = 6-23]

* Lymph Node, Mandibular

Lymphoma Malignant

* Lymph Node, Mesenteric

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-5]

* Ovary

Inflammation

Chronic, Marked

Note: CHRONIC INFLAMMATION EXTENDS INTO MESENTERY (SLIDE 24). INFLAMMATION IS ALSO EVIDENT ON SLIDE 7.

[Inflammation TGLS = 3-24]

* Spleen

Hematopoietic Cell Proliferation

Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 274	TRT#: 2 DOSE: 0PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 00-90440
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-6]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 651
HISTO: 00-88893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Nose			
Note: DEGENERATIVE APPEARANCE TO RESPIRATORY EPITHELIUM; POSSIBLE POSTMORTEM ARTIFACT; NOT TABULATED.			
* Ovary		Angiectasis	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Angiectasis	Mild
* Salivary Glands		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 277

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Angiectasis	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 279

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Hyperplasia	Lymphoid, Moderate
* Ovary		Angiectasis	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Hemorrhage	Minimal
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-22]			
[Lymphoma Malignant TGLS = 4-21]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 281

TRT#: 2

DOSE: 0PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 00-90446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Harderian Gland		Carcinoma	
* Kidney		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
[Lymphoma Malignant TGLS = 3-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 281

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 00-90446

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 283

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 00-90448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Diverticulum	
[Diverticulum TGLS = 3-21]			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 285

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* 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, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone		Hyperostosis	Minimal
* Eye		Inflammation	Chronic, Minimal
Note: CHRONIC INFLAMMATION INVOLVES CORNEA.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Heart			
Note: MINIMAL CHRONIC INFLAMMATION IN MYOCARDIUM; NOT TABULATED.			
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lung		Hemorrhage	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: APPARENT STAINING ARTIFACT RESULTING IN INCREASED BASOPHILIA AT PERIPHERY OF BLO OD VESSELS ON SLIDES 3 AND 5.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 286	TRT#: 2 DOSE: 0PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 00-90451
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Ovary		Angiectasis	Mild
Note: EXCESSIVE PIGMENT(POSSIBLY HEMOSIDERIN OR CEROID) PRESENT IN ONE OVARY; NOT TABULATED. [Angiectasis TGLS = 1-7]			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Ovary		Angiectasis	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

Note: LARGE THROMBUS IN THE AREA OF ANGIECTASIS.
[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 288

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
	Lumbar	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-22]			
[Hyperplasia TGLS = 4-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 289

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Nose			
Note: HYALINIZED APPEARANCE TO PORTIONS OF OLFACTORY EPITHELIUM; CHANGE OBSERVED COMMONLY IN CONTROL MICE AND CONSIDERED A BACKGROUND FINDING.			
* Ovary		Cyst	Moderate
* Thyroid Gland		Degeneration	Cystic, Marked
Tooth			
Note: FOREIGN BODIES (HAIR SHAFTS) AND ACCOMPANYING INFLAMMATION ADJACENT TO INCISOR TEETH; NOT DOCUMENTED.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 00-90455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adren Cortex			
Note: PERSISTENT X-ZONE IN ADRENAL CORTEX; NOT TABULATED.			
* Bone		Hyperostosis	Mild
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 183
HISTO: 99-85724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 183
HISTO: 99-85725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 183
HISTO: 99-85726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Lymph Node, Mandibular	Pigmentation	Mild
* Ovary	Cyst	Moderate
[Cyst TGLS = 1-7]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Clitoral Gland
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

* Bone
* Esophagus
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone Marrow
* Eye
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Brain
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex
* Liver
* Uterus

Accessory Adrenal Cortical Nodule
Infiltration Cellular
Hyperplasia

Moderate
Mixed Cell, Minimal
Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 99-85728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Clitoral Gland
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thyroid Gland

* Bone
* Esophagus
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Bone Marrow
* Eye
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

* Brain
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Thymus
* Uterus

OBSERVATIONS

* Adrenal Cortex
* Liver
* Spleen

Accessory Adrenal Cortical Nodule
Infiltration Cellular
Pigmentation

Moderate
Mixed Cell, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 00-90456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Moderate
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-22]			
[Hyperplasia TGLS = 5-21]			
[Hyperplasia TGLS = 4-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Marked
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-7,2-7]			
[Inflammation TGLS = 1-7,3-23]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 00-90456

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: THE LYMPHOID HYPERPLASIA IN THE ILIAC, RENAL AND MANDIBULAR LYMPH NODES INCLUDES NUMEROUS PLASMA CELLS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 297

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Moderate
[Angiectasis TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
		Angiectasis	Moderate
* Ovary		Hematopoietic Cell Proliferation	Mild
* Spleen		Degeneration	Cystic, Mild
* Thyroid Gland		Angiectasis	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Marked

Note: THE ANGIECTATIC AREA CONTAINS A PARTIALLY ORGANIZED THROMBUS.

[Angiectasis TGLS = 2-7]

[Hyperplasia TGLS = 1-7]

[Inflammation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone			
Note: FIBRO-OSSEOUS LESION (HYPEROSTOSIS) INVOLVING NASAL BONES ON SLIDE 9; NOT TABULATED.			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 300

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0PPM

DISP: Terminal Sacrifice

HISTO: 00-90460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21,4-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hemangiosarcoma	
		Hyperplasia	Cystic, Mild
[Hemangiosarcoma TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
Tooth			
Note: INFLAMMATION AND FOREIGN BODY INVOLVING INCISOR TOOTH; NOT TABULATED.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	Lacrimal Gland	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
		Cystadenoma	
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Intestine Small, Jejunum

OBSERVATIONS

Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Iliac	Pigmentation	Mild
[Pigmentation TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Lung		Foreign Body	
		Hyperplasia	Lymphoid, Mild
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-22]		
	[Lymphoma Malignant TGLS = 1-8,1-21]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-8]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Angiectasis	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 8-23]			
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Mild
	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
[Hematopoietic Cell Proliferation TGLS = 6-22]			
[Hyperplasia TGLS = 6-22]			
[Hyperplasia TGLS = 7-3]			
[Hyperplasia TGLS = 5-21]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-8]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Plasma Cell, Moderate
		Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 4-5]			
[Hyperplasia TGLS = 4-5]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Plasma Cell, Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 306	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90466

ORGAN AND ACCOUNTABLE SITE STATUS

* Stom Forestom

Note: MILD GRANULOCYTIC CELL INFITRATE IN MUCOSAL LAMINA PROPRIA; CONSIDERED BACKGROUND CHANGE AND NOT TABULATED.

* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Marked
* Thyroid Gland		Degeneration	Cystic, Marked
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
		Lymphoma Malignant	
	[Basophilic Focus TGLS = 2-22]		
	[Lymphoma Malignant TGLS = 3-23,4-24,5-25]		
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 9-28]		
	[Lymphoma Malignant TGLS = 8-27]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Inflammation	Chronic, Moderate
	Note: THE FOCUS OF CHRONIC (GRANULOMATOUS) INFLAMMATION CONTAINS CHOLESTEROL CLEFTS.		
	[Inflammation TGLS = 7-26]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-21]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90468

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Lymphoma Malignant

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 6-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Nose		Foreign Body	
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 720

DOSE: 625 PPM

DISP: Natural Death

HISTO: 00-90141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Kidney	Renal Tubule	Pigmentation	Mild
	[Pigmentation TGLS = 6-5]		
* Liver		Hematopoietic Cell Proliferation	Mild
* Ovary		Cyst	Moderate
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLS = 1-21]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 4-22]	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Eye	* Gallbladder
* Harderian Gland	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus

OBSERVATIONS

* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21,4-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-23]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-21]			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 3-1]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Natural Death

HISTO: 00-90182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Moderate
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 3-21]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Natural Death

HISTO: 00-90182

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Intestine Small, Duodenum Polyp Adenomatous

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone		Hyperostosis	Moderate
* Harderian Gland		Adenoma	
* Int Sm Duoden			
Note: CYST PRESENT IN MUCOSA OF SECTION OF DUODENUM ATTACHED TO STOMACH PYLORUS; NOT TABULATED ON TDMS.			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 4

DOSE: 625 PPM

SEX: Female

DISP: Other

DAY ON TEST: 6

HISTO: 98-84097

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Spleen		Pigmentation	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hyperplasia	Lymphoid, Mild
	Kupffer Cell	Pigmentation	Marked
[Pigmentation TGLS = 3-21]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Pigmentation	Mild
[Hyperplasia TGLS = 4-22]			
[Hyperplasia TGLS = 5-23]			
[Pigmentation TGLS = 5-23]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 4
DOSE: 625 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 00-90481

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Moderate

* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325	TRT#: 4	SEX: Female	DAY ON TEST: 606
	DOSE: 625 PPM	DISP: Natural Death	HISTO: 00-88484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Cecum	* Intestine Large, Rectum	* Lymph Node, Mandibular	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Lung		Thrombosis	Mild
* Mammary Gland		Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Uterus Endometrium Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone		Hyperostosis	Moderate
* Brain			
Note: MILD LYMPHOCYTIC INFILTRATION IN MENINGES AND LEPTOMENINGES; NOT TABULATED.			
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Hemorrhage	Moderate
		Infarct	Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Kupffer Cell	Pigmentation	Marked
	[Hemorrhage TGLS = 2-21]		
	[Infarct TGLS = 2-21]		
	[Pigmentation TGLS = 3-22]		
* Lung		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Cervix	Cyst Epithelial Inclusion	
	Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90482

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 620

DOSE: 625 PPM

DISP: Natural Death

HISTO: 00-88794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Note: AREA OF MILD ANGIECTASIS IN BONE MARROW; NOT TABULATED.			
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-1]		
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 4-22]		
* Spleen	Lymph Follic	Atrophy	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]	Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 400

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 99-87693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Brain		Inflammation	Chronic Active, Mild
Note: INFLAMMATION CONSISTS OF FOCAL OR PERIVASCULAR AGGREGATES OF LYMPHOCYTES AND NEUTROPHILS IN MENINGES.			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Necrosis	Focal, Minimal
[Basophilic Focus TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
Note: INFLAMMATION INVOLVES SEROSA AND MUSCULARIS.			
[Inflammation TGLS = 2-4]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: MODERATE CHRONIC ACTIVE INFLAMMATION (PERIARTERITIS) INVOLVING MULTIPLE BLOOD VE SSELS IN SKELETAL MUSCLE ADJACENT TO VERTEBRA ON SLIDE 41.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4-21]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Ovary		Granulosa-Theca Tumor Benign	
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 3-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-22]			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 4-22]		Hyperplasia	Lymphoid, Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver [Hepatocellular Adenoma TGLS = 3-21]		Hepatocellular Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary [Cyst TGLS = 2-7]		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland		Hyperplasia	Focal, Marked
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hyperplasia	Lymphoid, Mild
* Lung		Foreign Body	
		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Moderate
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thyroid Gland
---------------------	-----------------

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Cecum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Ovary		Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Hemorrhage	Minimal
Note: HEMORRHAGE IS ON THE MIDLINE OF CEREBRUM SURROUNDING THE CENTRAL CANAL.			
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Ovary		Angiectasis	Moderate
		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Spleen		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Hyperplasia Nephropathy Degeneration	Lymphoid, Mild Minimal Cystic, Mild
* Thyroid Gland			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Harderian Gland		Hyperplasia	Focal, Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Thymus			
Note: ECTOPIC PARATHYROID GLAND EVIDENT IN THYMUS; NOT TABULATED.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 338

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Lymph Node, Mandibular		Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 639

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 00-88838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Eye		Cataract	Mild
* Kidney		Cyst	Moderate
		Hyperplasia	Lymphoid, Moderate
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-2,7-2,7-21]		
	[Infiltration Cellular TGLS = 6-2]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLS = 3-5]		
* Ovary		Angiectasis	Moderate
	[Angiectasis TGLS = 4-7]		
* Parathyroid Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urin Bladder			
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 5-7]		

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
[Angiectasis TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
	Follicular Cel	Vacuolization Cytoplasmic	Mild
* Thyroid Gland		Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342	TRT#: 4	SEX: Female	DAY ON TEST: 183
	DOSE: 625 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Ovary		Cyst	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 345

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 688

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 00-89518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
Note: LYMPHOMA MALIGNANT IS PRESENT ON SLIDES 3 AND 25.			
[Lymphoma Malignant TGLS = 8-25]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-24]			
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-23]			
[Lymphoma Malignant TGLS = 7-2]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-21,4-22]			
* Pancreas		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-26]			
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 688

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 00-89518

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]

* Thymus

Lymphoma Malignant

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Lymphoma Malignant	

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

Animal Note: THE MALIGNANT LYMPHOMA IS LYMPHOCYTIC TYPE AND APPEARS TO BE IN AN EARLY STAGE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Minimal
Tooth			
Note: FOREIGN MATERIAL AND MODERATE CHRONIC INFLAMMATION SURROUNDING INCISOR TEETH; NOT TABULATED.			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland		Hyperplasia	Focal, Mild
* Liver		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			
* Pancreas		Cyst	Moderate
Note: THE ONLY VISIBLE PANCREATIC TISSUE OTHER THAN THE CYST IS SMALL AMOUNT OF EXOCRINE PANCREAS ON SLIDE 5.			
[Cyst TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,3-7]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 351

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 352

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 354

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 355

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 625 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 356

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* 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

* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Islets, Pancreatic		Adenoma	
* Ovary		Cyst	Moderate
* Spleen		Atrophy	Minimal
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 358

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 359	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 00-90501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 360

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 00-90502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Esophagus

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Hyperplasia Nephropathy	Lymphoid, Mild Minimal
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia Metaplasia	Cystic, Mild Squamous, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362	TRT#: 6 DOSE: 1250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 00-90504
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Mild
* Liver		Infiltration Cellular	Mixed Cell, Mild
		Tension Lipidosis	
* Lym Node Mesen			
Note: MILD HEMOSIDERIN-LIKE PIGMENT IN MESENTERIC LYMPH NODE; NOT TABULATED.			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Eye		Cataract	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lung		Foreign Body	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Uterus		Angiectasis	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Angiectasis TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
Mesentery	Fat		
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/21/2014
 Time Report Requested: 03:49:36
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 365

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
Note: PIGMENT RESEMBLING TATTOO INK IN LUMBAR LYMPH NODE; NOT TABULATED.			
	[Hyperplasia TGLS = 5-22]		
	[Hyperplasia TGLS = 4-21]		
	[Hyperplasia TGLS = 3-7]		
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 366

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Angiectasis	Mild
Note: MILD TO MODERATE THICKENING OF WALLS OF DILATED BLOOD VESSELS AND MINIMAL STROMAL PROLIFERATION IN AREA OF ANGIECTASIS; NOT TABULATED.			
[Angiectasis TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 367

TRT#: 6

SEX: Female

DAY ON TEST: 720

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 00-90142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Stomach, Glandular		

OBSERVATIONS

* Bone Marrow	Histiocytic Sarcoma	
* Brain	Hemorrhage	Mild
Note: HEMOSIDERIN-LADEN MACROPHAGES SURROUNDING AREA OF HEMORRHAGE; NOT TABULATED.		
* Kidney	Nephropathy	Minimal
* Liver	Histiocytic Sarcoma	
Note: MARKED HEPATOCELLULAR VACUOLIZATION; CONSIDERED SECONDARY TO HISTIOCYTIC SARCOMA AND NOT TABULATED.		
[Histiocytic Sarcoma TGLS = 2-6]		
* Lung	Histiocytic Sarcoma Infiltration Cellular	Histiocyte, Marked
Note: HEMOSIDERIN-LIKE PIGMENT WITHIN MOST OF THE ALVEOLAR MACROPHAGES (INFILTRATION CELLULAR HISTIOCYTE).		
* Spleen	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-6]		
* Thymus	Atrophy	Marked
* Uterus	Endometrium Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: HISTIOCYTIC SARCOMA INFILTRATE IN MEDIASTINUM ON SLIDE 2.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Parathyroid Gland		Cyst	Moderate
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Esophagus			
Note: ESOPHAGUS IS ON SLIDE 2.			
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Angiectasis	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	Ear
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	Lacrimal Gland	* Lung	* 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

* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 4-21]			
* Lymph Node, Mandibular		Hyperplasia Pigmentation	Lymphoid, Moderate Mild
[Hyperplasia TGLS = 1-8]			
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation Hyperplasia	Mild Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 372

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Ovary		Angiectasis	Mild
[Cyst TGLS = 1-7]		Cyst	Moderate
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 374

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-5]			
* Ovary		Cyst	Moderate
Note: MILD FIBROSIS BETWEEN OVARIAN CYST AND ADJACENT MESENTERY; NOT TABULATED.			
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin		Basal Cell Carcinoma	
		Edema	Moderate
Note: BASAL CELL CARCINOMA HAS MODERATE DEGREE OF SQUAMOUS DIFFERENTIATION.			
[Basal Cell Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 128

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 98-85139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Note: LOCALIZED AREA OF NECROSIS IN BONE MARROW; NOT TABULATED.			
* Liver		Necrosis	Focal, Mild
Note: MARKED GLYCOGEN DEPLETION OF HEPATOCYTES; NOT TABULATED.			
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
Note: TGL 5 IS MESENTERY ON TDMS. LESION INVOLVED MESENTERIC FAT.			
[Necrosis TGLS = 5-22]			
Skeletal Muscle		Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
Note: SPLENIC HEMA CELL PROL IS PRIMARILY MYELOID.			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 128

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 98-85139

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: SUPPURATIVE INFLAMMATION AND NECROSIS INVOLVING STOMACH SEROSA ON SLIDE 4-1; CONSIDERED PART OF MESENTERIC NECROSIS (ADHESION) ON SLIDE 22.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule	
* Spleen	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-21]			
[Inflammation TGLS = 2-21]			
Tooth			
Note: HAIR SHAFTS AND CHRONIC ACTIVE INFLAMMATION AROUND INCISOR TOOTH; NOT TABULATED.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* 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

* Intestine Small, Ileum

OBSERVATIONS

* Kidney		Infarct	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * 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 | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

INSUFFICIENT TISSUE

- * Bone Marrow

OBSERVATIONS

- * Urin Bladder
 - Note: INFUSION ARTIFACT IN URINARY BLADDER.
- * Uterus

Endometrium	Hyperplasia	Cystic, Marked
-------------	-------------	----------------

 - [Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 555

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-88269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	Ear	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-21]			
* Lymph Node, Mandibular		Atrophy	Moderate
		Pigmentation	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Marked
[Inflammation TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

- Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 381

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Adenoma	
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-22]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8,2-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland		Degeneration	Cystic, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Angiectasis	Moderate
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 384

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Lymph Node	Iliac	Ectasia	Moderate
	Iliac	Hyperplasia	Lymphoid, Mild
	Lumbar	Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 3-21]			
[Hyperplasia TGLS = 4-22]			
[Hyperplasia TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 384

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90523

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
		Pigmentation	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 386	TRT#: 6	SEX: Female	DAY ON TEST: 183
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 387	TRT#: 6	SEX: Female	DAY ON TEST: 183
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Spleen		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391	TRT#: 6	SEX: Female	DAY ON TEST: 183
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO: 99-85744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 6

SEX: Female

DAY ON TEST: 23

DOSE: 1250 PPM

DISP: Other

HISTO: 98-84098

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 394

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 396

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Ovary		Angiectasis	Moderate
[Angiectasis TGLS = 2-7]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
Tooth			
Note: FOREIGN BODY (HAIR SHAFTS) AND MILD CHRONIC INFLAMMATION ADJACENT TO INCISOR TOOTH; NOT TABULATED.			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Mild
* Harderian Gland		Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 21. [Hepatocellular Adenoma TGLS = 2-21]			
* Lung	Alveolar Epith	Foreign Body Hyperplasia	Moderate
[Hyperplasia TGLS = 3-22]			
* Ovary		Angiectasis Cyst	Moderate Moderate
Note: CYSTS OCCUR IN BOTH OVARIES.			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 398

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infarct	Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 399

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Kidney		Hyperplasia Nephropathy Hepatocellular Adenoma	Lymphoid, Mild Mild
* Liver			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia Pigmentation Cyst Hematopoietic Cell Proliferation	Lymphoid, Mild Moderate Moderate Mild
* Ovary			
* Spleen	Lymph Follic	Hyperplasia Pigmentation	Mild Minimal
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 400

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Moderate
[Clear Cell Focus TGLS = 7-23]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-24]			
[Lymphoma Malignant TGLS = 10-25]			
[Lymphoma Malignant TGLS = 12-26]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-21]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5,4-22]			
* Ovary		Angiectasis	Moderate
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90529

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 6-6]

[Lymphoma Malignant TGLS = 6-6]

* Stomach, Glandular

Lymphoma Malignant

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 11-2]

* Thyroid Gland

Degeneration

Cystic, Mild

* Uterus

Endometrium

Hyperplasia

Cystic, Marked

Lymphoma Malignant

[Hyperplasia TGLS = 5-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 401

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 402

TRT#: 6

SEX: Female

DAY ON TEST: 623

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-88795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-21]			
* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Minimal
		Pigmentation	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Hyperplasia TGLS = 1-7]			
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 403

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Intestine Large, Cecum		Edema	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 404

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 3-21]		Adenoma	
* Liver		Basophilic Focus	
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Luteoma	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Urin Bladder Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 405

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Eye		Cataract	Moderate
		Inflammation	Chronic, Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland		Degeneration	Cystic, Moderate
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 406

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 407

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Hyperostosis	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 2-7]			
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 408

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone		Hyperostosis	Mild
* Harderian Gland		Hyperplasia	Focal, Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Mild

Note: TGL 3 IS A CYSTIC SPACE IN LUNG BORDERED BY MILDLY HYPERPLASTIC ALVEOLAR EPITHELIUM.

[Hyperplasia TGLS = 3-2]

* Pancreas		Cyst	Moderate
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[Cyst TGLS = 2-21]

* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 409

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Mild
	Renal	Hematopoietic Cell Proliferation	Mild
	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 4-22]			
[Hematopoietic Cell Proliferation TGLS = 3-21]			
[Hyperplasia TGLS = 4-22]			
[Hyperplasia TGLS = 3-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Marked
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 409

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90536

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 410

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Adenoma	
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 411

TRT#: 6

SEX: Female

DAY ON TEST: 658

DOSE: 1250 PPM

DISP: Natural Death

HISTO: 00-88894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pituitary Gland
* Skin	* Stomach, Glandular	* Trachea	

MISSING

* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Lymphoma Malignant	
		Necrosis	Focal, Moderate
		[Lymphoma Malignant TGLS = 4-6]	
		[Necrosis TGLS = 5-21]	
* Lung		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 11-2,12-2]	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 9-23]	
		[Lymphoma Malignant TGLS = 8-22]	
		[Lymphoma Malignant TGLS = 2-8]	
		[Lymphoma Malignant TGLS = 10-2]	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-8]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 13-5]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 411	TRT#: 6 DOSE: 1250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 658 HISTO: 00-88894
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ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Angiectasis	Mild
	Cyst	Moderate
	Lymphoma Malignant	
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-6]		
[Lymphoma Malignant TGLS = 3-6]		
* Stomach, Forestomach	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-7]		

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 412

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-90538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-21]			
* Eye		Inflammation	Chronic, Mild
* Heart	Myocardium	Necrosis	Mild
* Kidney	Renal Tubule	Necrosis	Moderate
		Nephropathy	Minimal
[Necrosis TGLS = 2-5]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Spleen		Atrophy	Mild
		Pigmentation	Mild
Note: MODERATE DEPLETION OF WHITE PULP; CONSIDERED AGONAL CHANGE AND NOT TABULATED.			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
[Hyperplasia TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 412

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-90538

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 4-7]

PRIMARY CAUSE OF DEATH

- Adrenal Medulla Pheochromocytoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 413

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 414

TRT#: 6

SEX: Female

DAY ON TEST: 693

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO: 00-89675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 415

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Ovary [Cyst TGLS = 2-7]		Cyst	Moderate
* Skin [Fibrous Histiocytoma TGLS = 1-21]	Subcut Tiss	Fibrous Histiocytoma	
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Mild
	Follicular Cel	Hyperplasia	Marked
* Thyroid Gland	Endometrium	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 416

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
Mesentery			
Note: FOCUS OF HISTIOCYTOSIS WITHIN MESENTERIC FAT (SLIDE 5); NOT TABULATED.			
* Ovary		Cyst	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 417	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 1250 PPM	DISP: Terminal Sacrifice	HISTO: 00-90542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 418

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Intestine Large, Cecum		Edema	Mild
* Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-8]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Ovary		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Mild
Note: THYROID FOLLICULAR CELLS ARE MODERATELY VACUOLATED IN ADDITION TO BEING HYPERTROPHIED; NOT TABULATED.			
Tooth			
Note: FOREIGN BODY HAIR SHAFTS AND CHRONIC ACTIVE INFLAMMATION ALONGSIDE INCISOR TEETH; NOT TABULATED.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 418

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90543

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 419

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Esophagus			
Note: ESOPHAGUS IS ON SLIDE 2.			
* Kidney		Cyst	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 420

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 00-90545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain [Schwannoma Malignant TGLS = 2-9]	Cranial Nerve	Schwannoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung [Hemorrhage TGLS = 3-2]		Hemorrhage	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 421

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Parathyroid Gland		Cyst	Moderate
* Spleen		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Fibrosis	Moderate
	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 422

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 423

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	[Hepatocellular Adenoma TGLS = 4-21]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 1-7]		
* Pancreas		Cyst	Moderate
	[Cyst TGLS = 3-22]		
* Spleen		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 424

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
Note: BONE MARROW HYPERPLASIA CONSISTS OF LYMPHORETICULAR CELL PROLIFERATION AT THE MARROW MARGIN (ADJACENT TO THE FEMORAL CORTICAL BONE).			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 425

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lung		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 426

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	[Hepatocellular Adenoma TGLS = 5-21]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
	[Cyst TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Stomach, Forestomach		Diverticulum	
	[Diverticulum TGLS = 6-22]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7,3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 427

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Gallbladder

OBSERVATIONS

* Lung		Edema	Mild
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Angiectasis	Mild
* Spleen		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-22]			
[Lymphoma Malignant TGLS = 6-23]			
[Lymphoma Malignant TGLS = 7-2]			
[Lymphoma Malignant TGLS = 2-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90553

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-6]

* Thyroid Gland

Follicle

Cyst

Moderate

Follicular Cel

Hypertrophy

Mild

* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 429

TRT#: 8

SEX: Female

DAY ON TEST: 727

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-90143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver			
Note: MODERATE GLYCOGEN DEPLETION IN MIDZONAL AND CENTRILOBULAR AREAS; NOT TABULATED.			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 430

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Ovary

OBSERVATIONS

* Kidney		Infarct	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gl			
Note: PITUITARY GLAND PRESENT AND WITHIN NORMAL LIMITS.			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 431

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
Note: UNABLE TO OBTAIN BETTER SECTION OF FORESTOMACH LESION.			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 432

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: HAIR SHAFT FOREIGN BODY AND CHRONIC INFLAMMATION ADJACENT TO INCISOR TOOTH; NOT TABULATED. SIMILAR CHANGE NOTED RANDOMLY IN OTHER ANIMALS AND NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 433

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 434

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Hyperplasia	Lymphoid, Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-22]			
* Ovary		Cyst	Moderate
* Parathyroid Gland			
Note: LYMPHOHISTIOCYTIC AGGREGATE ADJACENT TO ONE PARATHYROID GLAND; NOT TABULATED.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 517

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-88172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Spleen		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 436

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart			
Note: MINIMAL ANGIECTASIS IN MYOCARDIUM; NOT TABULATED.			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* 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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Lumbar	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-21]			
[Hyperplasia TGLS = 4-22]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Ovary		Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Marked
[Hyperplasia TGLS = 1-7]			
[Inflammation TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90560

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 438	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 00-90561
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-21,2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adren Cortex			
Note: SMALL SUBCAPSULAR CYST IN ADRENAL CORTEX; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Harderian Gland		Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Ovary	Corpus Luteum	Hyperplasia	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 2-6]			
* Stomach, Forestomach		Diverticulum	
[Diverticulum TGLS = 3-21]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 441

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
Note: PANCREATIC LYMPH NODE ALSO PRESENT ON SLIDE 21.			
	[Lymphoma Malignant TGLS = 6-22]		
	[Lymphoma Malignant TGLS = 3-21]		
	[Lymphoma Malignant TGLS = 7-23]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-8]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-5]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Minimal
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Lymphoma Malignant TGLS = 2-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 441	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 00-90564
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ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder Note: INFUSION ARTIFACT IN URINARY BLADDER.		Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 4-7]	Endometrium	Hyperplasia Inflammation	Cystic, Marked Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 442

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Hemorrhage	Mild
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Necrosis	Focal, Marked
[Necrosis TGLS = 5-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Stomach, Forestomach		Diverticulum	
[Diverticulum TGLS = 6-4]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 2-7,3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90566

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 444

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus			
Note: NO CORRELATING LESION FOR TGLS = 1-7.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 445	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 00-90568
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye		Atrophy	Marked
[Atrophy TGLS = 5-44]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-22]			
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Ovary		Thrombosis	Marked
[Thrombosis TGLS = 1-7]			
* Pancreas		Cyst	Moderate
[Cyst TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 446

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Minimal
	[Hepatocellular Adenoma TGLS = 3-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-22]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
Tooth			
	Note: HAIR SHAFT FOREIGN BODY AND CHRONIC ACTIVE INFLAMMATION ADJACENT TO INCISOR TEETH; NOT TABULATED.		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hyperplasia	Lymphoid, Mild
Note: LYMPHOID HYPERPLASIA IS PRESENT ON SLIDES 6 AND 21.			
* Lung		Lymphoma Malignant	
* Lym Node Mesen			
Note: MILD LYMPHOCYTOLYSIS IN MESENTERIC LYMPH NODE; NOT TABULATED.			
* Ovary		Cyst	Moderate
Note: OVARIAN CYST IS LINED BY CUBOIDAL EPITHELIUM FORMING, IN SOME AREAS, FINGER-LIKE PROJECTIONS INTO CYST LUMEN. [Cyst TGLS = 3-7]			
* Salivary Glands		Lymphoma Malignant	
Note: INFILTRATION OF MALIGNANT LYMPHOMA CELLS IN SUBCUTANEOUS FAT SURROUNDING SALIVARY GLANDS.			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Stomach, Glandular		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90570

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 449

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Duodenum

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 450

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Minimal
[Hyperplasia TGLS = 1-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 455

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Cortex			
Note: MILD X-ZONE EVIDENT IN ADRENAL GLAND; NOT TABULATED.			
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-21]			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 457

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach		Diverticulum	
[Diverticulum TGLS = 3-21]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 458	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 00-90576
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Metaplasia	Osseous, Mild
* Liver		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
Note: "LYMPHOID HYPERPLASIA" INCLUDES SOME HISTIOCYTIC HYPERPLASIA; NOT TABULATED.			
* Ovary		Angiectasis	Moderate
[Angiectasis TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90576

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 459

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

Lymph Node	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-24]			
[Lymphoma Malignant TGLS = 3-7]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
[Lymphoma Malignant TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 6-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 460

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Moderate
* Intestine Large, Cecum		Edema	Mild
* Ovary		Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 461

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Intestine Small, Ileum	Peyers Patch	Infiltration Cellular	Polymorphnuclr, Moderate
[Infiltration Cellular TGLS = 6-4]			
* Intestine Small, Jejunum	Peyers Patch	Infiltration Cellular	Polymorphnuclr, Moderate
[Infiltration Cellular TGLS = 5-4]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-5]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Angiectasis	Mild
[Hyperplasia TGLS = 1-7]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 5 AND 6 ARE HEMATOPOIETIC CELL PROLIFERATION IN PEYERS PATCHES; MORPHOLOGY NOT AVAILABLE ON TDMS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 462

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 463

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 4-22]		
	[Hepatocellular Adenoma TGLS = 3-21]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-7,2-23]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 464

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
Note: ISLET HYPERPLASIA IS ON SLIDE 4.			
* Kidney		Hyperplasia	Lymphoid, Mild
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Angiectasis	Moderate
[Angiectasis TGLS = 3-7]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 604

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 00-88485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Esophagus	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Parathyroid Gland
* Salivary Glands			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Lymph Node, Mesenteric
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Thrombosis	Moderate
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 4-23]			
* Kidney		Inflammation	Chronic, Mild
		Metaplasia	Osseous, Moderate
	Papilla	Necrosis	Moderate
	Renal Tubule	Necrosis	Mild
* Liver		Hematopoietic Cell Proliferation	Marked
		Necrosis	Focal, Marked
[Necrosis TGLS = 2-21,3-22]			
* Lung		Hemorrhage	Mild
		Thrombosis	Minimal
Note: MODERATE POLYMORPHONUCLEAR CELL INFILTRATE IN LUNG; CONSIDERED REFLECTION OF SYSTEMIC HEMATOPOIETIC CELL PROLIFERATION AND NOT TABULATED.			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 604

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 00-88485

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

- Intestine Small, Duodenum Carcinoma

Animal Note: ADRENAL GLAND (SLIDE 10), THYROID GLAND (SLIDE 3), AND PANCREAS (SLIDE 5) ARE ALL PRESENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 466

TRT#: 8

SEX: Female

DAY ON TEST: 664

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-88965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Osteoma	
[Osteoma TGLS = 1-21,7-23]			
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Jejunum	Serosa	Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Marked
* Liver		Hepatocellular Adenoma	Multiple
		Histiocytic Sarcoma	
		Necrosis	Focal, Marked
[Histiocytic Sarcoma TGLS = 10-6]			
[Necrosis TGLS = 10-6]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-7,6-7]			
* Pancreas		Histiocytic Sarcoma	
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 8-6]			
* Thymus		Atrophy	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 466

TRT#: 8

SEX: Female

DAY ON TEST: 664

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-88965

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Moderate

[Histiocytic Sarcoma TGLS = 4-22]

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 467

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Kidney		Infarct	Moderate
* Liver		Hyperplasia	Lymphoid, Mild
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Angiectasis	Moderate
	Fat	Necrosis	Mild
Note: MILD CHRONIC INFLAMMATION AND FIBROSIS ASSOCIATED WITH FAT NECROSIS; NOT TABULATED.			
[Angiectasis TGLS = 3-21]			
[Necrosis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 468

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Vacuolization Cytoplasmic	Moderate
Note: VACUOLIZATION IS PRIMARILY IN PONS AND WHITE TRACTS OF CEREBELLUM.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-21]			
* Heart		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
* Lung		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Moderate
* Pancreas		Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA INFILTRATE IN PANCREAS IS MOST PRONOUNCED ON SLIDE 4.			
* Salivary Glands		Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA INFILTRATE IN SUBCUTIS AROUND SALIVARY GLANDS.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 468	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 00-90584
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ORGAN AND ACCOUNTABLE SITE STATUS			
	Endometrium	Hyperplasia Lymphoma Malignant	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 469

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adren Cortex			
Note: X- ZONE VACUOLIZATION APPARENT IN BOTH ADRENAL GLANDS.			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-22]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-21]			
* Kidney		Cyst	Moderate
		Hyperplasia	Lymphoid, Moderate
* Liver		Hyperplasia	Lymphoid, Moderate
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach		Diverticulum	
* Thyroid Gland	Follicular Cel, Unilateral	Adenoma	
		Degeneration	Cystic, Mild
	Follicular Cel	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 469

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90585

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 720

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 00-90144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Int Lg Cecum			
Note: MILD LYMPHOID HYPERPLASIA; NOT TABULATED.			
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Hyperplasia	Lymphoid, Moderate
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-23]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 6-5]			
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Parathyroid Gland			
Note: LYMPHOID INFILTRATE IN PARATHYROID GLAND; NOT TABULATED.			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-21]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 470	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 720 HISTO: 00-90144
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-6]

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Hemorrhage	Minimal
* Spleen		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 472

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Uterus			

MISSING

* Ovary

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Mild
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Hyperplasia TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 473

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Cecum		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-2]			
[Lymphoma Malignant TGLS = 5-23]			
[Lymphoma Malignant TGLS = 4-22]			
[Lymphoma Malignant TGLS = 3-7]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 474

TRT#: 8
DOSE: 2500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 00-90589

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Follicular Cel	Hypertrophy	Minimal
	Endometrium	Angiectasis	Minimal
		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 00-90590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Ovary		Luteoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 476

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Esophagus

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 477

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Ureter			

Note: DILATED URETER ADJACENT TO HILUS OF LEFT KIDNEY; CONSIDERED INCIDENTAL AND NOT TABULATED.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:49:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 479

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-06
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/21/2014
Time Report Requested: 03:49:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 183

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO: 99-85758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE