

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**C Number:** C92012  
**Lock Date:** 08/31/1994  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** NONE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-1

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-2

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney		Cyst	Minimal
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-3

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Preputial Gland	Cyst	Mild
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB203G-4

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Cyst	Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-5

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Thymus

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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-6

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-7

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-8

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-9

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Cyst	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 10	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-10

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

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

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 11

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-11

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 12

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-12

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 13

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-13

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

\* Thyroid Gland

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**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 14

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-14

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Accidentally Killed

HISTO: MB203G-15

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ear
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	Lacrimal Gland	Larynx
Liver	Lung	Lymph Node	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mesentery	Nose	Oral Mucosa
Pancreas	Parathyroid Gland	Penis	Peripheral Nerve
Peritoneum	Pituitary Gland	Pleura	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord	* Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thymus	* Thyroid Gland
Tissue NOS	Tongue	Tooth	Trachea
Ureter	Urethra	Urinary Bladder	Zymbal's Gland

**MISSING**

Mammary Gland

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 16

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-16

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 17

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-17

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 18

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-18

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

---

**MISSING**

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 19

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB20G3-19

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 20

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-20

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 1250 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-21

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 22	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 1250 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-22

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 1250 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-23

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 24	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 1250 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-24

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Note: FOCUS NOT APPARENT IN SECTION BUT CAPSULE IS STRIPPED. TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Minimal

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 25

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-25

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

\* Kidney

Renal Tubule

Pigmentation

Hemosiderin, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 26

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-26

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

\* Kidney

Renal Tubule

Pigmentation

Hemosiderin, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Accidentally Killed

HISTO: MB203G-27

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ear
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	Lacrimal Gland	Larynx	Lung
Lymph Node	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Mesentery	Nose	Oral Mucosa	Pancreas
Parathyroid Gland	Penis	Peripheral Nerve	Peritoneum
Pituitary Gland	Pleura	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord	Stomach, Forestomach	Stomach, Glandular	Testes
Thymus	* Thyroid Gland	Tissue NOS	Tongue
Tooth	Trachea	Ureter	Urethra
Urinary Bladder	Zymbal's Gland		

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Periportal	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 28

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-28

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

\* Kidney

Renal Tubule

Pigmentation

Hemosiderin, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 1250 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-29

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 30

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-30

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

\* Kidney

Renal Tubule

Pigmentation

Hemosiderin, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 31

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-31

---

**OBSERVATIONS**

- \* Kidney
- \* Spleen
- \* Thyroid Gland

Renal Tubule

Pigmentation

Hemosiderin, Mild

Hematopoietic Cell Proliferation

Mild

Follicular Cel

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 32

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-32

---

**OBSERVATIONS**

- \* Kidney
- \* Spleen
- \* Thyroid Gland

Renal Tubule

Follicular Cel

Pigmentation

Hematopoietic Cell Proliferation

Hypertrophy

Hemosiderin, Mild

Mild

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 33

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-33

---

**OBSERVATIONS**

- \* Kidney
- \* Spleen
- \* Thyroid Gland

Renal Tubule

Pigmentation

Hemosiderin, Mild

Hematopoietic Cell Proliferation

Mild

Follicular Cel

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 34

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-34

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 35

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-35

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 36

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-36

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 37

**TRT#:** 4  
**DOSE:** 2500 PPM

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

**DAY ON TEST:** 92  
**HISTO:** MB203G-37

---

**OBSERVATIONS**

\* Kidney  
\* Spleen  
\* Thyroid Gland

Renal Tubule  
Follicular Cel

Pigmentation  
Hematopoietic Cell Proliferation  
Hypertrophy

Hemosiderin, Mild  
Moderate  
Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-38

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**INSUFFICIENT TISSUE**

\* Thyroid Gland

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 39

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-39

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 40

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-40

---

**OBSERVATIONS**

- \* Kidney
- \* Spleen
- \* Thyroid Gland

Renal Tubule

Pigmentation

Hemosiderin, Mild

Hematopoietic Cell Proliferation

Moderate

Follicular Cel

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 41

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-41

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 42

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-42

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
[ Hypertrophy TGLS = 2-2 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 43

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-43

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

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**ANIMAL ID:** 44

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-44

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 45

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-45

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 46

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-46

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
[ Hypertrophy TGLS = 2-2 ]			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 47

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-47

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 48

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-48

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 49

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-49

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 50

**TRT#:** 5  
**DOSE:** 5000 PPM

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

**DAY ON TEST:** 92  
**HISTO:** MB203G-50

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
[ Hypertrophy TGLS = 2-2 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 51

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-51

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 2-2,2.1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 52

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-52

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

- |                 |   |                                  |                       |
|-----------------|---|----------------------------------|-----------------------|
| * Kidney        | Renal Tubule                                    | Pigmentation                     | Hemosiderin, Moderate |
| * Liver         | Periportal                                      | Vacuolization Cytoplasmic        | Mild                  |
| * Spleen        |   | Hematopoietic Cell Proliferation | Moderate              |
|                 | [ Hematopoietic Cell Proliferation TGLS = 1-7 ] |                                  |                       |
| * Thyroid Gland | Follicular Cel                                  | Hypertrophy                      | Moderate              |
|                 | [ Hypertrophy TGLS = 2-2,2.1 ]                  |                                  |                       |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 53

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-53

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 2-2,2.1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> MB203G-54

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 55

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-55

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Mammary Gland	* Stomach, Forestomach	* Stomach, Glandular
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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 2-2 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 56

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-56

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 2-2 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 57

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-57

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver		Necrosis	Acute, Minimal
	Periportal	Vacuolization Cytoplasmic	Minimal
* Nose	Respirat Epith	Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 2-2 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 58

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-58

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Moderate
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
	[ Hypertrophy TGLS = 2-2,2.1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 59

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-59

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
	[ Hypertrophy TGLS = 2-2 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 60

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-60

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 2-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 1-2,2.1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 61

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB203G-61

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* Bone

\* Bone Marrow

\* Brain

\* Esophagus

\* Gallbladder

\* Heart

\* Intestine Large, Cecum

\* Intestine Large, Colon

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* 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**

\* Clitoral Gland

Cyst

Mild

\* Liver

Periportal

Vacuolization Cytoplasmic

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 62

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-62

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Liver  
\* Mammary Gland  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Blood Vessel  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lung  
\* Nose  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thymus  
\* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

\* Clitoral Gland

Cyst

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 63

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB203G-63

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus  
\* Uterus

\* Blood Vessel  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Bone  
\* Heart  
\* Intestine Small, Duodenum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

**MISSING**

\* Esophagus

**INSUFFICIENT TISSUE**

\* Adrenal Medulla

**OBSERVATIONS**

\* Clitoral Gland  
\* Kidney  
\* Liver

Pelvis  
Periportal

Cyst  
Infiltration Cellular  
Vacuolization Cytoplasmic

Mild  
Lymphocyte, Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-64

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 65	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-65

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

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**MISSING**

* Clitoral Gland	* Pituitary Gland
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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 66

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-66

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Clitoral Gland	Cyst	Mild
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 67	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-67

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

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**MISSING**

\* Parathyroid Gland

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**OBSERVATIONS**

* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 68

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB203G-68

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Nose  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Urinary Bladder

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Thymus  
\* Uterus

\* Blood Vessel  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thyroid Gland

\* Bone  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Mammary Gland  
\* Parathyroid Gland  
\* Stomach, Forestomach  
\* Trachea

**OBSERVATIONS**

\* Clitoral Gland  
\* Liver  
\* Lung  
\* Spleen

Perivascular

Cyst  
Vacuolization Cytoplasmic  
Inflammation  
Hematopoietic Cell Proliferation

Mild  
Diffuse, Mild  
Chronic Active, Moderate  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 69

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-69

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Clitoral Gland		Cyst	Moderate
* Liver	Periportal	Vacuolization Cytoplasmic	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 70

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-70

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Mammary Gland  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Blood Vessel  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Salivary Glands  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thymus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

\* Liver  
\* Urinary Bladder

Infiltration Cellular  
Infiltration Cellular

Lymphocyte, Minimal  
Lymphocyte, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 71

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-71

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 72

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-72

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 73

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-73

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 74

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-74

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 75

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-75

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 76

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-76

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 77

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-77

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 78

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-78

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 79

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-79

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Thyroid Gland

---

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 80

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-80

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

---

**INSUFFICIENT TISSUE**

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 81

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-81

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 82

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-82

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 83

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Accidentally Killed

**HISTO:** MB203G-83

**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	Larynx	Liver
Lung	Lymph Node	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Mesentery	Nose	Oral Mucosa
Ovary	Oviduct	Pancreas	Parathyroid Gland
Peripheral Nerve	Peritoneum	Pituitary Gland	Pleura
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord
* Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
* Thyroid Gland	Tissue NOS	Tongue	Tooth
Trachea	Ureter	Urethra	Urinary Bladder
Uterus	Vagina	Zymbal's Gland	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 84

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-84

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Thyroid Gland

---

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 85

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-85

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 86

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-86

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 87

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-87

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

---

**INSUFFICIENT TISSUE**

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 88

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-88

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

---

**INSUFFICIENT TISSUE**

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 89

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-89

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 90

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-90

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Spleen

\* Thyroid Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 91

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-91

---

**OBSERVATIONS**

\* Kidney

Renal Tubule

Pigmentation

Hemosiderin, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

\* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 92	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-92

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 93

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-93

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

\* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 94

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-94

---

**OBSERVATIONS**

\* Kidney

Renal Tubule

Pigmentation

Hemosiderin, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

\* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 95	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-95

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-96

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB203G-97

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**INSUFFICIENT TISSUE**

\* Thyroid Gland

---

**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Minimal
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---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 98

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-98

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Thyroid Gland

---

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 99

**TRT#:** 10  
**DOSE:** 2500 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-99

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Thyroid Gland

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 100

**TRT#:** 10  
**DOSE:** 2500 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-100

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 101

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-101

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
[ Hypertrophy TGLS = 2-2 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 102

**TRT#:** 11  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-102

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
[ Hypertrophy TGLS = 2-2 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 103

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-103

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
[ Hypertrophy TGLS = 2-2 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 104

**TRT#:** 11  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-104

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
[ Hypertrophy TGLS = 2-2 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

---

**ANIMAL ID:** 105

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-105

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 106

**TRT#:** 11  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-106

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

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**OBSERVATIONS**

* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
[ Hypertrophy TGLS = 2-2 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

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**ANIMAL ID:** 107

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-107

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

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**ANIMAL ID:** 108

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-108

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 109

**TRT#:** 11  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-109

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04

**Test Type:** 90-DAY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methylimidazole

**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:49:05

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

**Lab:** MBA

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**ANIMAL ID:** 110

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB203G-110

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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
[ Hypertrophy TGLS = 2-2 ]			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-111

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Clitoral Gland	* Pituitary Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
	[ Hypertrophy TGLS = 2-2,2.1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-112

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Clitoral Gland		Cyst	Minimal
* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
[ Hypertrophy TGLS = 2-2 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
	[ Hypertrophy TGLS = 2-2,2.1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-114

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
* Liver		Necrosis	Acute, Minimal
	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 2-2,2.1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Accidentally Killed

HISTO: MB203G-115

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Clitoral Gland		Cyst	Mild
* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Infiltration Cellular	Mixed Cell, Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 116

**TRT#:** 12  
**DOSE:** 10000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-116

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Clitoral Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
* Saliv Glands			
Note: TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-7 ]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
[ Hypertrophy TGLS = 3-2,2.1 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 92012-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:49:05  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 117

**TRT#:** 12  
**DOSE:** 10000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 92  
**HISTO:** MB203G-117

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

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

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
	[ Hypertrophy TGLS = 2-2.1 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Accidentally Killed

HISTO: MB203G-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Blood Vessel           | * Bone                     | * Bone Marrow             |
| * Brain                     | * Clitoral Gland         | * Esophagus                | * Gallbladder             |
| * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * 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

- \* Adrenal Medulla

OBSERVATIONS

- |                 |   |                                  |                      |
|-----------------|---|----------------------------------|----------------------|
| * Kidney        | Renal Tubule                                    | Pigmentation                     | Hemosiderin, Minimal |
| * Liver         | Periportal                                      | Vacuolization Cytoplasmic        | Mild                 |
| * Spleen        |   | Hematopoietic Cell Proliferation | Mild                 |
|                 | [ Hematopoietic Cell Proliferation TGLS = 1-7 ] |                                  |                      |
| * Thyroid Gland | Follicular Cel                                  | Hypertrophy                      | Mild                 |
|                 | [ Hypertrophy TGLS = 2-2,2.1 ]                  |                                  |                      |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-119

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Clitoral Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-7 ]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Moderate
	[ Hypertrophy TGLS = 2-2 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 92012-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:49:05

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB203G-120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel           | * Bone                     |
| * Bone Marrow             | * Brain                     | * Clitoral Gland         | * Esophagus                |
| * Gallbladder             | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   |
| * Mammary Gland           | * Nose                      | * Ovary                  | * Pancreas                 |
| * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        | * Skin                     |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 | * Trachea                  |
| * Urinary Bladder         | * Uterus                    |                          |                            |

OBSERVATIONS

- |                 |                |                                  |   |
|-----------------|----------------|----------------------------------|---|
| * Kidney        | Renal Tubule   | Pigmentation                     | Hemosiderin, Mild                               |
| * Liver         | Periportal     | Vacuolization Cytoplasmic        | Mild  |
| * Spleen        |                | Hematopoietic Cell Proliferation | Moderate  |
|                 |                |                                  | [ Hematopoietic Cell Proliferation TGLS = 1-7 ] |
| * Thyroid Gland | Follicular Cel | Hypertrophy                      | Moderate  |
|                 |                |                                  | [ Hypertrophy TGLS = 2-2,2.1 ]                  |

PRIMARY CAUSE OF DEATH

-

\*\* END OF REPORT \*\*

\* PROTOCOL REQUIRED TISSUE