

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-1

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-2

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Cardiomyopathy	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 92
	DOSE: UNTREAT CONTROL	DISP: Terminal Sacrifice	HISTO: MB202G-3

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Focal, Minimal
* Lung		Inflammation	Focal, Minimal
* Pancreas	Acinus	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-4

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Intestine Small, Ileum		Inflammation	Chronic, Focal, Mild
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Inflammation	Focal, Minimal
* Spleen			
Note: TGL 1-NCL			
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Testes		Degeneration	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-6

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Inflammation	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-7

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-8

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver

Note: LIVER SECTION WITH TGL 1 NOT COLLECTED FOR HISTOPATHOLOGY.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-9

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Testes	Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 11

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-11

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 12

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-12

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thymus

Thyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-13

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 14

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-14

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

Thyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-15

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 16

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-16

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Thymus

Thyroid Gland

OBSERVATIONS

Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-17

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-18

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-19

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-20

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-21

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-22

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-23

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 24

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-24

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-25

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Testes

Degeneration

Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-26

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-27

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-28

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: LIVER SECTION WITH TGL 1 NOT COLLECTED FOR HISTOPATHOLOGY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-29

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-30

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-31

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-32

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-33

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Testes		Degeneration	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-34

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-35

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Testes

Degeneration

Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-36

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 37

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-37

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 38	TRT#: 4	SEX: Male	DAY ON TEST: 92
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB202G-38

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Heart	Lymph Node, Mesenteric	Testes	Thymus
OBSERVATIONS			
Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-39

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-40

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-41

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Testes

Thymus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-42

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Lymph Node, Mesenteric

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Kidney

Note: TGL 1-NCL

Testes

Degeneration

Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-43

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 44	TRT#: 5	SEX: Male	DAY ON TEST: 92
	DOSE: 5000 PPM	DISP: Terminal Sacrifice	HISTO: MB202G-44

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Testes	Thymus		
OBSERVATIONS			
Heart		Cardiomyopathy	Minimal
Lymph Node, Mesenteric		Hemorrhage	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-45

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thymus

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Testes

Degeneration

Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-46

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Testes

Thymus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-47

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-48

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-49

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Lymph Node, Mesenteric

Testes

Thymus

OBSERVATIONS

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 50

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-50

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

Testes

Thymus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-51

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Testes		Degeneration	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Cyst	Mild
	Follicular Cel	Hyperplasia	Diffuse, Moderate

[Hyperplasia TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-52

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Mammary Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular

- * Adrenal Medulla
- * Brain
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Nose
- * Preputial Gland
- * Skin
- * Thymus

- * Blood Vessel
- * Epididymis
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pancreas
- * Prostate
- * Spleen
- * Trachea

- * Bone
- * Esophagus
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Urinary Bladder

OBSERVATIONS

- * Liver
 - * Testes
 - * Thyroid Gland
- [Hyperplasia TGLS = 1-2]

Follicular Cel

Inflammation
Degeneration
Hyperplasia

Focal, Minimal
Mild
Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-53

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * 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 | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|----------------------------|----------------|----------------|-------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Pancreas | Acinus | Degeneration | Focal, Minimal |
| * Testes | | Degeneration | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Moderate |
| [Hyperplasia TGLS = 1-2] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 54

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-54

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 |
| * Liver | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Pancreas | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------|----------------|-----------------------|-------------------|
| * Kidney | | Nephropathy | Minimal |
| * Lung | | Inflammation | Focal, Minimal |
| * Lymph Node, Mesenteric | | Infiltration Cellular | Histiocyte, Mild |
| * Testes | | Degeneration | Minimal |
| * Thyroid Gland | Follicular Cel | Adenoma | |
| | Follicular Cel | Hyperplasia | Diffuse, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-55

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Testes		Degeneration	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate
[Hyperplasia TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-56

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|----------------------------|----------------|----------------|-------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Dilatation | Focal, Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Moderate |
| [Hyperplasia TGLS = 1-2] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-57

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|-------------------|----------------|----------------|-------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Preputial Gland | | Inflammation | Focal, Minimal |
| * Testes | | Degeneration | Mild |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-58

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Testes		Degeneration	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Testes		Degeneration	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-60

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

* Liver

* 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

* Thymus

* Trachea

* Urinary Bladder

MISSING

* Parathyroid Gland

* Spleen

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Testes

Degeneration

Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 61

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Accidentally Killed

HISTO: MB202G-61

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Liver

* Lung

* Lymph Node, Mandibular

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

* Uterus

OBSERVATIONS

* Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-62

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Liver

* Lung

* Lymph Node, Mandibular

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

* Uterus

OBSERVATIONS

* Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 63

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Accidentally Killed

HISTO: MB202G-63

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 64

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-64

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Infiltration Cellular	Histiocyte, Mild
* Clitoral Gland		Inflammation	Focal, Minimal
* Liver		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Nose	Respirat Epith	Inflammation	Suppurative, Moderate
Note: NASAL INFLAMMATION CAUSED BY A FUNGAL ORGANISM.			
* Pancreas	Acinus	Degeneration	Focal, Moderate
* Spleen	Lymph Follic	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 65

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Terminal Sacrifice

HISTO: MB202G-65

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose	Respirat Epith	Inflammation	Suppurative, Moderate
Note: NASAL INFLAMMATION CAUSED BY A FUNGAL ORGANISM.			
* Spleen	Lymph Follic	Necrosis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-66

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Lung

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

* Uterus

OBSERVATIONS

* Liver

Inflammation

Focal, Minimal

* Lymph Node, Mandibular

Hemorrhage

Minimal

* Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 67

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: UNTREAT CONTROL

DISP: Accidentally Killed

HISTO: MB202G-67

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lung	Inflammation	Focal, Mild
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-68

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Spleen	Lymph Follic	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-69

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Liver

* Lung

* Lymph Node, Mandibular

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

* Uterus

OBSERVATIONS

* Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-70

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Liver

* Lung

* Lymph Node, Mesenteric

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

* Uterus

OBSERVATIONS

* Lymph Node, Mandibular

Hemorrhage

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-71

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-72

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thyroid Gland

Uterus

OBSERVATIONS

Liver [Hepatodiaphragmatic Nodule TGLS = 2-8]

Hepatodiaphragmatic Nodule

Ovary [Cyst TGLS = 1-9]

Cyst

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-73

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-74

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

OBSERVATIONS

Adrenal Cortex

Necrosis

Acute, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Mesentery

Fat

Necrosis

Moderate

[Necrosis TGLS = 1-12]

Uterus

Bilateral

Hydrometra

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-75

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-76

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Uterus

MISSING

Thyroid Gland

OBSERVATIONS

Ovary

Bilateral

Cyst

Moderate

[Cyst TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-77

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-78

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-79

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thyroid Gland

OBSERVATIONS

Uterus

Bilateral

Hydrometra

Moderate

[Hydrometra TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-80

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-81

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-82

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 83

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-83

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-84

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Uterus

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-85

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-86

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Adrenal Cortex

Necrosis

Acute, Mild

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-87

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Ovary

Cyst

Mild

[Cyst TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-88

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Mesentery

Fat

Necrosis

Moderate

[Necrosis TGLS = 1-12]

Uterus

Bilateral

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-89

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-90

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-91

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

OBSERVATIONS

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

Uterus

Bilateral

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 92

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Accidentally Killed

HISTO: MB202G-92

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

Inflammation

Focal, Minimal

[Hepatodiaphragmatic Nodule TGLS = 1-12RT]

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-93

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 94

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Accidentally Killed

HISTO: MB202G-94

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Clitoral Gland

Inflammation

Focal, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 95

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-95

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

OBSERVATIONS

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

Uterus

Bilateral

Hydrometra

Moderate

[Hydrometra TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 96

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Accidentally Killed

HISTO: MB202G-96

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Uterus

OBSERVATIONS

Thymus

Hemorrhage

Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 97

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-97

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Uterus

OBSERVATIONS

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-98

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

Uterus

OBSERVATIONS

Ovary

Cyst

Mild

[Cyst TGLS = 1-9]

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 99

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-99

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 100

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 102

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 103

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Accidentally Killed

HISTO: MB202G-103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Clitoral Gland

Inflammation

Focal, Minimal

Liver

Inflammation

Focal, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 104

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Ovary

Cyst

Mild

[Cyst TGLS = 1-9]

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 105

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Accidentally Killed

HISTO: MB202G-105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Lung

Inflammation

Focal, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 106

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

MISSING

Parathyroid Gland

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

Uterus

Bilateral

Hydrometra

Moderate

[Hydrometra TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 107

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 108

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 109

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Moderate

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 110

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Uterus

OBSERVATIONS

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Pancreas

Acinus

Degeneration

Focal, Minimal

Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Accidentally Killed

HISTO: MB202G-111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Focal, Minimal
* Liver		Inflammation	Focal, Minimal
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Ovary		Cyst	Mild
[Cyst TGLS = 1-9.1RC]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Accidentally Killed

HISTO: MB202G-112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Degeneration	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex [Necrosis TGLS = 1-3]		Necrosis	Acute, Moderate
* Bone Marrow		Hyperplasia	Mild
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Thyroid Gland [Hyperplasia TGLS = 2-2]	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Accidentally Killed

HISTO: MB202G-114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Focal, Minimal
* Liver		Inflammation	Focal, Minimal
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Nose
* Pituitary Gland
* Stomach, Glandular
* Uterus

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Ovary
* Salivary Glands
* Thymus

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Pancreas
* Skin
* Trachea

OBSERVATIONS

* Lymph Node, Mesenteric
* Spleen
* Thyroid Gland

Lymph Follic
Follicular Cel

Infiltration Cellular
Necrosis
Hyperplasia

Histiocyte, Mild
Mild
Diffuse, Moderate

[Hyperplasia TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS, THIN TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: MB202G-117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|--------------------------|----------------|-----------------------|---------------------|
| * Heart | | Cardiomyopathy | Mild |
| * Liver | | Inflammation | Focal, Minimal |
| * Lymph Node, Mesenteric | | Infiltration Cellular | Histiocyte, Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Inflammation	Focal, Minimal
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS, THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

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: MB202G-119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|--|----------------|----------------------------|-------------------|
| * Adrenal Cortex | | Necrosis | Acute, Minimal |
| * Kidney | | | |
| Note: TGL 3-NCL | | | |
| * Liver | | Hepatodiaphragmatic Nodule | |
| [Hepatodiaphragmatic Nodule TGLS = 4-12] | | | |
| * Lymph Node, Mesenteric | | Infiltration Cellular | Histiocyte, Mild |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Moderate |

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS, THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92012-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/21/2014

Time Report Requested: 03:40:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Accidentally Killed

HISTO: MB202G-120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|----------------------------|----------------|-----------------------|-------------------|
| * Clitoral Gland | | Inflammation | Focal, Minimal |
| * Lymph Node, Mesenteric | | Infiltration Cellular | Histiocyte, Mild |
| * Thymus | | Hemorrhage | Mild |
| [Hemorrhage TGLS = 3-3] | | | |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Moderate |
| [Hyperplasia TGLS = 2-2] | | | |

PRIMARY CAUSE OF DEATH

-

Animal Note: NO TGL 1 DUE TO RECORDING ERROR.

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE