

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

C Number:	C92013
Lock Date:	01/12/1995
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: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-1

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver		Necrosis	Focal, Minimal
	Periportal	Vacuolization Cytoplasmic	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-2

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-3

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Liver	Vacuolization Cytoplasmic	Diffuse, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-4

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver	Vacuolization Cytoplasmic	Diffuse, Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 16	TRT#: 4	SEX: Male	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-16

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver		Necrosis	Focal, Minimal
	Periportal	Vacuolization Cytoplasmic	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 17	TRT#: 4	SEX: Male	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-17

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver		Necrosis	Focal, Minimal
	Periportal	Vacuolization Cytoplasmic	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 18	TRT#: 4	SEX: Male	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-18

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 19	TRT#: 4	SEX: Male	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-19

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 20	TRT#: 4	SEX: Male	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-20

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus

INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Liver	Periportal	Vacuolization Cytoplasmic	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 21	TRT#: 5	SEX: Female	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-21

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Focal, Minimal
* Lung	Artery	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 22	TRT#: 5	SEX: Female	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-22

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland

OBSERVATIONS

* Liver	Vacuolization Cytoplasmic	Diffuse, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 23

TRT#: 5

SEX: Female

DAY ON TEST: 15

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB201G-23

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Lung
* Stomach, Forestomach

* Brain
* Ovary
* Stomach, Glandular

* Heart
* Pituitary Gland
* Thymus

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 24	TRT#: 5	SEX: Female	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB201G-24

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Focal, Mild
	Vacuolization Cytoplasmic	Diffuse, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 25

TRT#: 5

SEX: Female

DAY ON TEST: 15

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB201G-25

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Stomach, Forestomach

* Adrenal Medulla
* Lung
* Stomach, Glandular

* Brain
* Ovary
* Thymus

* Heart
* Pituitary Gland
* Thyroid Gland

OBSERVATIONS

* Liver
* Spleen

Inflammation
Vacuolization Cytoplasmic
Hematopoietic Cell Proliferation

Chronic Active, Focal, Minimal
Diffuse, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 36	TRT#: 8	SEX: Female	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-36

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Heart	* Kidney
* Lung	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	

MISSING

* Adrenal Medulla

OBSERVATIONS

* Liver	Periportal	Inflammation Vacuolization Cytoplasmic Hematopoietic Cell Proliferation Congestion	Chronic Active, Focal, Minimal Minimal Mild Mild
* Spleen			
Uterus			
[Congestion TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 37	TRT#: 8 DOSE: 2500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 15 HISTO: MB201G-37
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver	Inflammation Vacuolization Cytoplasmic	Chronic Active, Focal, Minimal Diffuse, Minimal
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 38	TRT#: 8	SEX: Female	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-38

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Heart	* Kidney
* Lung	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	

MISSING

* Adrenal Medulla

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Focal, Minimal
	Periportal	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 39	TRT#: 8	SEX: Female	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-39

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	

MISSING

* Thymus

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:37
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 40	TRT#: 8	SEX: Female	DAY ON TEST: 15
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: MB201G-40

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Kidney	* Lung	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE