Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

CAS Number: 822-36-6

Date Report Requested: 10/16/2014 Time Report Requested: 17:13:10

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:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole CAS Number: 822-36-6

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Date Report Requested: 10/16/2014 Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
	ANIMAL ID	0 0 0 0 1	0 0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	*TOTALS
Alimentary System							
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Heart		+	+	+	+	+	5
Endocrine System							
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		+	+	+	+	+	5
Pituitary Gland		+	+	+	+	+	5
Thyroid Gland		+	+	+	+	+	5
General Body System							
NONE							
Genital System							
Testes		+	+	+	+	+	5
Hematopoietic System							
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
Integumentary System							

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

CAS Number: 822-36-6

Time Report Requested: 17:13:10

Date Report Requested: 10/16/2014

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 0 0 1	0 0 1 5 0 0 0 0 0	0 0 1 5 0 0 0 0 0 3	0 0 1 5 0 0 0 0 0 4	0 0 1 5 0 0 0 0 5	*TOTALS
NONE Musculoskeletal System							
NONE Nervous System							
Brain Respiratory System		+	+	+	+	+	5
Lung Special Senses System		+	+	+	+	+	5
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	+	+	5

Multiple Organ

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

5

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Compound: 4-Methylimidazole

CAS Number: 822-36-6

Date Report Requested: 10/16/2014 Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 300 PPM

Species/Strain: Mouse/B6C3F1

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Date Report Requested: 10/16/2014

Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 822-36-6

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male 300 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Compound: 4-Methylimidazole

CAS Number: 822-36-6

Date Report Requested: 10/16/2014

Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male 800 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Date Report Requested: 10/16/2014

Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 822-36-6

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

DAY ON TEST

B6C3F1 Mouse Male 800 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole CAS Number: 822-36-6

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Time Report Requested: 17:13:10
First Dose M/F: NA / NA

Lab: MBA

Date Report Requested: 10/16/2014

B6C3F1 Mouse Male	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
2500 PPM	ANIMAL ID	5 0 0 0	5 0 0 0	5 0 0 0	5 0 0 0	5 0 0 0	
		1 6	1 7	1 8	1 9	2	*TOTALS
Alimentary System			•	•		•	
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular Cardiovascular System		+	+	+	+	+	5
-			_	_			_
Heart Endocrine System		+	+	+	+	+	5
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		+	+	+	+	+	5
Pituitary Gland		+	+	ı	+	+	4
Thyroid Gland		+	+	+	+	I	4
General Body System							
NONE Genital System							
-							_
Testes Hematopoietic System		+	+	+	+	+	5
-							_
Spleen		+	+	+	+	+	5
Thymus Integumentary System		+	+	+	+	+	5
integuinentary system							

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: 822-36-6

Date Report Requested: 10/16/2014 Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

B6C3F	1	Mouse	Male
2500	F	PM	

DAY ON TEST	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
AMIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	2	
	6	7	8	9	0	*

*TOTALS

5

5

5

NONE

Musculoskeletal System

NONE

Nervous System

Brain	+	+	+	+	+
Respiratory System					
Lung	+	+	+	+	+
Special Senses System					
NONE					

Urinary System

Kidney + + + + +

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

END OF MALE DATA

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: 822-36-6

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:13:10

Lab: MBA

B6C3F1 Mouse Femal VEHICLE CONTROL	DAY ON TEST e ANIMAL ID	0 0 1 5 0 0 0 2 1	0 0 1 5 0 0 0 2 2	0 0 1 5 0 0 0 2 3	0 0 1 5 0 0 0 2 4	0 0 1 5 0 0 0 2 5	*TOTALS
Alimentary System							
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Heart		+	+	+	+	+	5
Endocrine System							
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		+	+	+	+	+	5
Pituitary Gland		+	+	+	+	+	5
Thyroid Gland		+	+	+	+	+	5
General Body System							
NONE							
Genital System							
Ovary		+	+	+	+	+	5
Hematopoietic System							
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
Integumentary System							

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: 822-36-6

Time Report Requested: 17:13:10

Date Report Requested: 10/16/2014

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST	0 0 1 5 0 0 0 2 1	0 0 1 5 0 0 0 2 2	0 0 1 5 0 0 0 2 3	0 0 1 5 0 0 0 2 4	0 0 1 5 0 0 0 2 5	*TOTALS
NONE Musculoskeletal System							
NONE Nervous System							
Brain Respiratory System		+	+	+	+	+	5
Lung Special Senses System		+	+	+	+	+	5
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	+	+	5
Multiple Organ		+	+	+	+	+	5

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 14-DAY

Test Compound: 4-Methylimidazole

Route: DOSED FEED

CAS Number: 822-36-6

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 300 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/16/2014

Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Date Report Requested: 10/16/2014

Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

Route: DOSED FEED CAS Number: 822-36-6

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 300 PPM

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 14-DAY

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Compound: 4-Methylimidazole

Species/Strain: Mouse/B6C3F1

CAS Number: 822-36-6

Date Report Requested: 10/16/2014 Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 800 PPM

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Date Report Requested: 10/16/2014

Time Report Requested: 17:13:10

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 822-36-6

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

DAY ON TEST

B6C3F1 Mouse Female 800 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: 822-36-6

Time Report Requested: 17:13:10 First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Lab: MBA

B6C3F1 Mouse Female 2500 PPM	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 0 3 6	0 0 1 5 0 0 0 3 7	0 0 1 5 0 0 0 0 3 8	0 0 1 5 0 0 0 0 3 9	0 0 1 5 0 0 0 4 0	*TOTALS
Alimentary System							
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Heart		+	+	+	+	+	5
Endocrine System							
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		М	+	М	+	+	3
Pituitary Gland		+	+	+	+	+	5
Thyroid Gland		+	+	+	+	+	5
General Body System							
NONE Genital System							
Ovary		+	+	+	+	+	5
Uterus		+					1
Hematopoietic System							
Spleen		+	+	+	+	+	5
Thymus		+	+	+	М	+	4

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 4-Methylimidazole

Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

CAS Number: 822-36-6

Time Report Requested: 17:13:10 First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Lab: MBA

B6C3F1 Mouse Female $\begin{bmatrix} \theta & 0 \\ 1 & 1 \end{bmatrix}$	1	0 1 5	0 1 5	0 1 5	
ANIMAL ID 0 0 0	0 0 0 3	0 0 0 3 8	0 0 0 3 9	0 0 0 4 0	****

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

Brain	+	+	+	+	+	
Respiratory System						
Lung Special Senses System	+	+	+	+	+	
NONE Urinary System						

SYSTEMIC LESIONS

Kidney

Multiple Organ + + + + +

** END OF REPORT **

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5

5

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue