

Experiment Number: 92012-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/15/2014
Time Report Requested: 13:48:20
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: 92012-02

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male	VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0	
			0	0	0	0	0	
			1	1	1	1	1	
			5	5	5	5	5	
		ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0			
	0	0	0	0	0			
	0	0	0	0	0			
	1	2	3	4	5	*TOTALS		

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active				1		1	1.0
Periportal, Vacuolization Cytoplasmic	2	1	1		3	4	1.8
Vacuolization Cytoplasmic, Diffuse				1		1	1.0
Stomach, Forestomach	+	+	+	+	+	5	
Stomach, Glandular	+	+	+	+	+	5	

Cardiovascular System

Heart	+	+	+	+	+	5	
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Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	M	+	+	+	4	
Pituitary Gland	+	+	+	+	+	5	
Thyroid Gland	+	+	+	+	+	5	

General Body System

NONE

Genital System

Testes	+	+	+	+	+	5	
--------	---	---	---	---	---	---	--

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST					ANIMAL ID		
	0	0	0	0	0			
	0	0	0	0	0			
	1	1	1	1	1			
	5	5	5	5	5			
	0	0	0	0	0			
	0	0	0	0	0			
	0	0	0	0	0			
	0	0	0	0	0			
	1	2	3	4	5			
							*TOTALS	
Spleen	+	+	+	+	+		5	
Hematopoietic Cell Proliferation	1	1			1		3	1.0
Thymus	+	+	+	+	+		5	
Integumentary System								
NONE								
Musculoskeletal System								
NONE								
Nervous System								
Brain	+	+	+	+	+		5	
Respiratory System								
Lung	+	+	+	+	+		5	
Special Senses System								
NONE								
Urinary System								
Kidney	+	+	+	+	+		5	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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			0	0	0	0	0	
			1	1	1	1	1	
			5	5	5	5	5	
		ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0			
	0	0	0	0	0			
	0	0	0	0	1			
	6	7	8	9	0	*TOTALS		

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active			1				1 1.0
Periportal, Vacuolization Cytoplasmic	2		2		3		3 2.3
Vacuolization Cytoplasmic, Diffuse		2		2			2 2.0

Cardiovascular System

NONE

Endocrine System

Thyroid Gland	+	+	+	+	+	5	
Follicular Cel, Hypertrophy		1			1		2 1.0

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	5	
Hematopoietic Cell Proliferation	1	2	1	1	2		5 1.4

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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 First Dose M/F: NA / NA
 Lab: MBA

B6C3F1 Mouse Male
1200 PPM

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

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
3300 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active					1		1 1.0
Necrosis				1			1 1.0
Periportal, Vacuolization Cytoplasmic	2	2	2	2	2	5	2.0

Cardiovascular System

NONE

Endocrine System

Thyroid Gland	+	+	+	+	+	5	
Follicular Cel, Hypertrophy	2	1	1	2	1	5	1.4

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	5	
Hematopoietic Cell Proliferation	3	3	3	2	3	5	2.8

Integumentary System

NONE

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 Lab: MBA

B6C3F1 Mouse Male
3300 PPM

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	1	2	3	4	5
	*TOTALS				

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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Lab: MBA

B6C3F1 Mouse Male 10000 PPM	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	1	1	1	1	1	2	
	6	7	8	9	2	0	
							*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Necrosis				1		1	1.0
Periportal, Vacuolization Cytoplasmic	1	2	3	2	3	5	2.2
Stomach, Forestomach	+	+	+	+	+	5	
Inflammation, Chronic				1		1	1.0
Stomach, Glandular	+	+	+	+	+	5	

Cardiovascular System

Heart	+	+	+	+	+	5	
Ventricle, Mineralization				2		1	2.0

Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	
Pituitary Gland	M	+	+	+	+	4	
Thyroid Gland	+	+	+	+	+	5	
Follicular Cel, Hypertrophy	2	2	2	2	3	5	2.2

General Body System

NONE							
Genital System							
Testes	+	+	+	+	+	5	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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Lab: MBA

B6C3F1 Mouse Male
10000 PPM

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

Hematopoietic System

Spleen	+	+	+	+	+	5	
Hematopoietic Cell Proliferation	3	3	2	3	3	5	2.8
Thymus	+	+	+	+	+	5	

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

Brain	+	+	+	+	+	5	
-------	---	---	---	---	---	---	--

Respiratory System

Lung	+	+	+	+	+	5	
------	---	---	---	---	---	---	--

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
--------	---	---	---	---	---	---	--

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female	VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0		
		1	1	1	1	1		
		5	5	5	5	5		
		ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0			
	0	0	0	0	0			
	2	2	2	2	2			
	1	2	3	4	5		*TOTALS	

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active	1						1 1.0
Periportal, Vacuolization Cytoplasmic			1				1 1.0
Vacuolization Cytoplasmic, Diffuse					1		1 1.0
Stomach, Forestomach	+	+	+	+	+	5	
Stomach, Glandular	+	+	+	+	+	5	

Cardiovascular System

Heart	+	+	+	+	+	5	
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Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	M	+	M	+	+	3	
Pituitary Gland	+	+	+	+	+	5	
Thyroid Gland	+	+	+	+	+	5	

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	5	
-------	---	---	---	---	---	---	--

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST					ANIMAL ID		
	0	0	0	0	0			
	0	0	0	0	0			
	1	1	1	1	1			
	5	5	5	5	5			
	0	0	0	0	0			
	0	0	0	0	0			
	0	0	0	0	0			
	2	2	2	2	2			
	1	2	3	4	5			
							*TOTALS	
Spleen	+	+	+	+	+		5	
Hematopoietic Cell Proliferation	1	3	1	2	2		5	1.8
Thymus	+	+	+	+	+		5	
Integumentary System								
NONE								
Musculoskeletal System								
NONE								
Nervous System								
Brain	+	+	+	+	+		5	
Respiratory System								
Lung	+	+	+	+	+		5	
Special Senses System								
NONE								
Urinary System								
Kidney	+	+	+	+	+		5	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 1200 PPM	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	2	2	2	2	3		
	6	7	8	9	0		
						*TOTALS	

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active			1		1	1	3 1.0
Periportal, Vacuolization Cytoplasmic					1		1 1.0

Cardiovascular System

NONE

Endocrine System

Thyroid Gland	+	+	+	+	+	5	
Follicular Cel, Hypertrophy	1	1			1		3 1.0

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	5	
Hematopoietic Cell Proliferation	2	2	3	2	2		5 2.2

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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B6C3F1 Mouse Female 1200 PPM	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		5	5	5	5	5
	ANIMAL ID	0	0	0	0	0
	0	0	0	0	0	
	0	0	0	0	0	
	2	2	2	2	3	
	6	7	8	9	0	
						*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Lab: MBA

B6C3F1 Mouse Female 3300 PPM	DAY ON TEST	0	0	0	0	0	*TOTALS
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	3	3	3	3	3		
	1	2	3	4	5		

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active				1	1	2	1.0
Periportal, Vacuolization Cytoplasmic	1	2	2	1		4	1.5
Vacuolization Cytoplasmic, Diffuse					2	1	2.0

Cardiovascular System

NONE

Endocrine System

Thyroid Gland	+	+	+	+	+	5	
Follicular Cel, Hypertrophy	2	1	2	1	1	5	1.4

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	5	
Hematopoietic Cell Proliferation	3	3	2	2	3	5	2.6

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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B6C3F1 Mouse Female 3300 PPM	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	3	3	3	3	3		
	1	2	3	4	5	*TOTALS	

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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B6C3F1 Mouse Female 10000 PPM	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	3	3	3	3	4		
	6	7	8	9	0	*TOTALS	

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active	1		1	1			3 1.0
Periportal, Vacuolization Cytoplasmic	2	1	1	1			4 1.3
Vacuolization Cytoplasmic, Diffuse					1		1 1.0
Stomach, Forestomach	+	+	+	+	+	5	
Stomach, Glandular	+	+	+	+	+	5	

Cardiovascular System

Heart	+	+	+	+	+	5	
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Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	M	4	
Pituitary Gland	+	+	+	+	+	5	
Thyroid Gland	+	+	+	+	+	5	
Follicular Cel, Hypertrophy	3	2	3	3	3		5 2.8

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	5	
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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 92012-02

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 13:48:21

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 10000 PPM	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	3	3	3	3	4		
	6	7	8	9	0	*TOTALS	

Hematopoietic System

Spleen	+	+	+	+	+	5	
Hematopoietic Cell Proliferation	3	2	3	3	3	5	2.8
Thymus	+	+	+	+	+	5	

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

Brain	+	+	+	+	+	5	
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Respiratory System

Lung	+	+	+	+	+	5	
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Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
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**** END OF REPORT ****

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