

**Experiment Number:** 92012-01  
**Test Type:** 14-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** 2-Methylimidazole  
**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 12:50:49  
**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: 92012-01

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/15/2014

Test Type: 14-DAY

Test Compound: 2-Methylimidazole

Time Report Requested: 12:50:49

Route: DOSED FEED

CAS Number: 693-98-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

Heart	+	+	+	+	+	5
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Endocrine System

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

General Body System

NONE

Genital System

Testes	+	+	+	+	+	5
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Hematopoietic System

Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

Integumentary System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92012-01  
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 Route: DOSED FEED  
 Species/Strain: Rat/F 344/N

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

**F 344/N Rat 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

NONE					
<b>Musculoskeletal System</b>					
NONE					
<b>Nervous System</b>					
Brain	+	+	+	+	+
<b>Respiratory System</b>					
Lung	+	+	+	+	+
<b>Special Senses System</b>					
NONE					
<b>Urinary System</b>					
Kidney	+	+	+	+	+
<b>SYSTEMIC LESIONS</b>					
Multiple Organ	+	+	+	+	+

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
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Route: DOSED FEED

CAS Number: 693-98-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

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I ..Insufficient tissue

M ..Missing tissue

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First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

5

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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Route: DOSED FEED

CAS Number: 693-98-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

NONE

Cardiovascular System

NONE

Endocrine System

Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

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Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

5

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Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

Alimentary System

Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

Heart	+	+	+	+	+	5
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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

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
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Time Report Requested: 12:50:49

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First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

NONE

Musculoskeletal System

NONE

Nervous System

Brain

+ + + + + 5

Respiratory System

Lung

+ + + + + 5

Special Senses System

NONE

Urinary System

Kidney

+ + + + + 5

SYSTEMIC LESIONS

Multiple Organ

+ + + + + 5

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

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Test Compound: 2-Methylimidazole

Time Report Requested: 12:50:49

Route: DOSED FEED

CAS Number: 693-98-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

Heart	+	+	+	+	+	5
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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

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
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Experiment Number: 92012-01  
 Test Type: 14-DAY  
 Route: DOSED FEED  
 Species/Strain: Rat/F 344/N

**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
 Test Compound: 2-Methylimidazole  
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014  
 Time Report Requested: 12:50:49  
 First Dose M/F: NA / NA  
 Lab: MBA

**F 344/N Rat 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
	<b>*TOTALS</b>				

NONE					
<b>Musculoskeletal System</b>					
NONE					
<b>Nervous System</b>					
Brain	+	+	+	+	5
<b>Respiratory System</b>					
Lung	+	+	+	+	5
<b>Special Senses System</b>					
NONE					
<b>Urinary System</b>					
Kidney	+	+	+	+	5
<b>SYSTEMIC LESIONS</b>					
Multiple Organ	+	+	+	+	5

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
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Test Type: 14-DAY

Test Compound: 2-Methylimidazole

Time Report Requested: 12:50:49

Route: DOSED FEED

CAS Number: 693-98-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

NONE

Cardiovascular System

NONE

Endocrine System

Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

General Body System

NONE

Genital System

Ovary		+				1
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Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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CAS Number: 693-98-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

5

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First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

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Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

5

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Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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
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

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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CAS Number: 693-98-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat 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				

NONE					
<b>Musculoskeletal System</b>					
NONE					
<b>Nervous System</b>					
Brain	+	+	+	+	5
<b>Respiratory System</b>					
Lung	+	+	+	+	5
<b>Special Senses System</b>					
NONE					
<b>Urinary System</b>					
Kidney	+	+	+	+	5
<b>SYSTEMIC LESIONS</b>					
Multiple Organ	+	+	+	+	5

\*\* END OF REPORT \*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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