

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/15/2014
Time Report Requested: 12:51:02
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

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

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

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

* ..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
 Test Type: 14-DAY
 Route: DOSED FEED
 Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014
 Time Report Requested: 12:51:02
 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					
Musculoskeletal System					
NONE					
Nervous System					
Brain	+	+	+	+	+
Respiratory System					5
Lung	+	+	+	+	+
Special Senses System					5
NONE					
Urinary System					
Kidney	+	+	+	+	+
SYSTEMIC LESIONS					
Multiple Organ	+	+	+	+	+

* ..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

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

First Dose M/F: NA / NA

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

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92012-01

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

First Dose M/F: NA / NA

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
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014
 Time Report Requested: 12:51:02
 First Dose M/F: NA / NA
 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
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014
 Time Report Requested: 12:51:02
 First Dose M/F: NA / NA
 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

* ..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

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

First Dose M/F: NA / NA

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
-------	---	---	---	---	---	---

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

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92012-01

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

First Dose M/F: NA / NA

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
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014
 Time Report Requested: 12:51:02
 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
	*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
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014
 Time Report Requested: 12:51:02
 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
	*TOTALS				

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

* ..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
 Test Type: 14-DAY
 Route: DOSED FEED
 Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014
 Time Report Requested: 12:51:02
 First Dose M/F: NA / NA
 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
-------	--	---	--	--	--	---

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
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/15/2014
Time Report Requested: 12:51:02
First Dose M/F: NA / NA
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

* ..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

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

First Dose M/F: NA / NA

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

* ..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

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

First Dose M/F: NA / NA

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

* ..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

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2-Methylimidazole

CAS Number: 693-98-1

Date Report Requested: 10/15/2014

Time Report Requested: 12:51:02

First Dose M/F: NA / NA

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

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 2-Methylimidazole
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014
 Time Report Requested: 12:51:02
 First Dose M/F: NA / NA
 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					
Musculoskeletal System					
NONE					
Nervous System					
Brain	+	+	+	+	+
Respiratory System					5
Lung	+	+	+	+	+
Special Senses System					5
NONE					
Urinary System					
Kidney	+	+	+	+	+
SYSTEMIC LESIONS					
Multiple Organ	+	+	+	+	+
					5

** END OF REPORT **

* ..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