

**Experiment Number:** 88123-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Formamide  
**CAS Number:** 75-12-7

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 09:21:18  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88123
<b>Lock Date:</b>	06/04/1998
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:18  
 First Dose M/F: NA / NA  
 Lab: BAT

**B6C3F1 Mouse Male**  
**0 MG/KG**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1	0
	1	2	3	4	5	6	7	8	9		

**\*TOTALS**

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10

\* ..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

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 Lab: BAT

B6C3F1 Mouse Male 0 MG/KG	DAY ON TEST										ANIMAL ID	
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	
	1	2	3	4	5	6	7	8	9	0		*TOTALS
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+		9
Pituitary Gland		+	+	+	+	+	+	+	+	+		10
Thyroid Gland		+	+	+	+	+	+	+	+	+		10
<b>General Body System</b>												
NONE												
<b>Genital System</b>												
Epididymis		+	+	+	+	+	+	+	+	+		10
Preputial Gland		+	+	+	+	+	+	+	+	+		10
Prostate		+	+	+	+	+	+	+	+	+		10
Seminal Vesicle		+	+	+	+	+	+	+	+	+		10
Testes		+	+	+	+	+	+	+	+	+		10
<b>Hematopoietic System</b>												
Bone Marrow		+	+	+	+	+	+	+	+	+		10
Lymph Node, Mandibular		+	+	+	+	+	M	+	+	+		9
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+		10
Spleen		+	+	+	+	+	+	+	+	+		10
Thymus		+	+	+	+	+	+	+	+	+		10
<b>Integumentary System</b>												
Mammary Gland		M	M	M	M	M	M	M	M	M		0
Skin		+	+	+	+	+	+	+	+	+		10

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 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:18  
 First Dose M/F: NA / NA  
 Lab: BAT

**B6C3F1 Mouse Male**  
**0 MG/KG**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

**\*TOTALS**

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

Urinary Bladder + + + + + + + + + + 10

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

\* ..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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:18

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>10 MG/KG</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3		
		1	1	1	1	1	1	1	1	2		
		1	2	3	4	5	6	7	8	9	0	
		<b>*TOTALS</b>										

**Alimentary System**

Gallbladder	+	+	+	+	+	+	M	+	+	+	9
Pancreas	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Testes	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

**Hematopoietic System**

Spleen	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

**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

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**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 09:21:18  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**B6C3F1 Mouse Male**  
**10 MG/KG**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3
	1	1	1	1	1	1	1	1	1	2	2
	1	2	3	4	5	6	7	8	9	0	0
	<b>*TOTALS</b>										

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + + 10

\* ..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

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Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:18

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
20 MG/KG

|             |         |   |   |   |   |   |   |   |   |   |
|-------------|---------|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

Alimentary System

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Gallbladder | + | + | + | + | + | M | + | + | + | + | 9  |
| Pancreas    | + | + | + | + | + | + | + | + | + | + | 10 |

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Testes | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

Hematopoietic System

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:19

First Dose M/F: NA / NA

Lab: BAT

**B6C3F1 Mouse Male  
20 MG/KG**

|             |         |   |   |   |   |   |   |   |   |   |
|-------------|---------|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

NONE  
**Respiratory System**

NONE  
**Special Senses System**

NONE  
**Urinary System**

NONE  
**SYSTEMIC LESIONS**

|                |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|----|

\* ..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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 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

|   |             |                |   |   |   |   |   |   |   |   |   |
|---|-------------|----------------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>40 MG/KG</b> | DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |   |
|   |             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Gallbladder | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Testes | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**Hematopoietic System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**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



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 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
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 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

**B6C3F1 Mouse Male**  
**80 MG/KG**

| DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---------|---|---|---|---|---|---|---|---|---|
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 4       | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Gallbladder | + | + | + | + | + | M | + | + | + | + | 9  |
| Pancreas    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Testes | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**Hematopoietic System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**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  
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Date Report Requested: 10/21/2014

Time Report Requested: 09:21:19

First Dose M/F: NA / NA

Lab: BAT

**B6C3F1 Mouse Male  
80 MG/KG**

|             |   |   |   |   |   |   |   |   |   |   |         |
|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |         |
|             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + +

10

\* ..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

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First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Male</b><br><b>160 MG/KG</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|  | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |         |
|  | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |   |         |
|  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | I | + | + | + | + | + | + | 9  |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |

\* ..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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

| B6C3F1 Mouse Male<br>160 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | ANIMAL ID | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|-----------|---------|
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |         |
|                                | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9         |         |
|                                | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3         |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |         |
|                                | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3         |         |
|                                | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6         |         |
|                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0         |         |
| Parathyroid Gland              | +           | + | + | + | + | M | M | + | + | + | 8         |         |
| Pituitary Gland                | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Thyroid Gland                  | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| <b>General Body System</b>     |             |   |   |   |   |   |   |   |   |   |           |         |
| NONE                           |             |   |   |   |   |   |   |   |   |   |           |         |
| <b>Genital System</b>          |             |   |   |   |   |   |   |   |   |   |           |         |
| Epididymis                     | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Preputial Gland                | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Prostate                       | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Seminal Vesicle                | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Testes                         | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| <b>Hematopoietic System</b>    |             |   |   |   |   |   |   |   |   |   |           |         |
| Bone Marrow                    | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Lymph Node, Mandibular         | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Lymph Node, Mesenteric         | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Spleen                         | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| Thymus                         | +           | + | + | + | + | + | + | + | + | + | 10        |         |
| <b>Integumentary System</b>    |             |   |   |   |   |   |   |   |   |   |           |         |
| Mammary Gland                  | M           | M | M | M | + | M | M | M | M | M | 1         |         |
| Skin                           | +           | + | + | + | + | + | + | + | + | + | 10        |         |

\* ..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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

|  |             |                |   |   |   |   |   |   |   |   |   |
|--|-------------|----------------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>160 MG/KG</b> | DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|  |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  | ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|  |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|  |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|  |             | 5              | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |   |
|  |             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

Urinary Bladder + + + + + + + + + + 10

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

\*\*\*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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

| DAY ON TEST    | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|----------------------------|---|---|---|---|---|---|---|---|---|
|                | <b>B6C3F1 Mouse Female</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>0 MG/KG</b> | 9                          | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|                | 3                          | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID      | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                | 3                          | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                | 6                          | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
|                | 1                          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|                | <b>*TOTALS</b>             |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |

\* ..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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|                                | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |         |
|                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Parathyroid Gland              | M           | + | + | + | M | + | M | + | + | M | 6       |
| Pituitary Gland                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thyroid Gland                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| NONE                           |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>          |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| Ovary                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Uterus                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>  |             |   |   |   |   |   |   |   |   |   |         |
| Bone                           | +           | + | + | + | + | + | + | + | + | + | 10      |

\* ..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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
|                                | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|                                |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|                                |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|                                |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |         |
|                                |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

Urinary Bladder + + + + + + + + + + 10

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

\* ..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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:19

First Dose M/F: NA / NA

Lab: BAT

|   |             |                |   |   |   |   |   |   |   |   |   |
|---|-------------|----------------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>10 MG/KG</b> | DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   |             | 7              | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |   |
|   |             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Gallbladder | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|        |  |  |  |   |  |  |  |  |  |  |   |
|--------|--|--|--|---|--|--|--|--|--|--|---|
| Uterus |  |  |  | + |  |  |  |  |  |  | 1 |
|--------|--|--|--|---|--|--|--|--|--|--|---|

**Hematopoietic System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:19

First Dose M/F: NA / NA

Lab: BAT

|   |             |         |   |   |   |   |   |   |   |   |   |
|---|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>20 MG/KG</b> | DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|   |             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   |             | 8       | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |   |
|   |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Gallbladder | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:19

First Dose M/F: NA / NA

Lab: BAT

|   |             |         |   |   |   |   |   |   |   |   |   |
|---|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>20 MG/KG</b> | DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|   |             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   |             | 8       | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |   |
|   |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | *TOTALS |   |   |   |   |   |   |   |   |   |

NONE  
Respiratory System

NONE  
Special Senses System

NONE  
Urinary System

NONE  
SYSTEMIC LESIONS

|                |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|----|

\* ..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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

|   |             |                |   |   |   |   |   |   |   |   |   |
|---|-------------|----------------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>40 MG/KG</b> | DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |   |
|   |             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |   |
|   |             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Gallbladder | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:19

First Dose M/F: NA / NA

Lab: BAT

|                                 |             |   |   |   |   |   |   |   |   |   |   |         |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female<br>40 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                                 |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|                                 |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|                                 | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |         |
|                                 |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |         |
|                                 |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |

NONE  
Respiratory System

NONE  
Special Senses System

NONE  
Urinary System

NONE  
SYSTEMIC LESIONS

|                |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:19  
 First Dose M/F: NA / NA  
 Lab: BAT

|   |             |                |   |   |   |   |   |   |   |   |   |
|---|-------------|----------------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>80 MG/KG</b> | DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|   |             | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 4              | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   |             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|   |             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Gallbladder | + | + | + | + | + | + | + | + | + | M | 9  |
| Pancreas    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

**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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:20

First Dose M/F: NA / NA

Lab: BAT

|   |             |   |   |   |   |   |   |   |   |   |   |         |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>80 MG/KG</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|   |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|   |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|   | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |   |         |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |   |         |
|   | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

NONE  
Respiratory System

NONE  
Special Senses System

NONE  
Urinary System

NONE  
SYSTEMIC LESIONS

|                |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:20

First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>160 MG/KG</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|  | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |   |         |
|  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |   |         |
|  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | + | M | + | + | + | + | 9  |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |

\* ..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: 88123-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 10/21/2014

Time Report Requested: 09:21:20

First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse Female<br>160 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                        | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |         |
|                                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |         |
|                                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Parathyroid Gland                | +           | + | + | + | + | M | M | + | + | + | 8       |
| Pituitary Gland                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thyroid Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| NONE                             |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| Ovary                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| Uterus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Bone                             | +           | + | + | + | + | + | + | + | + | + | 10      |

\* ..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: 88123-04  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Formamide  
 CAS Number: 75-12-7

Date Report Requested: 10/21/2014  
 Time Report Requested: 09:21:20  
 First Dose M/F: NA / NA  
 Lab: BAT

|                            |                  | DAY ON TEST |   |   |   |   |   |   |   |   |   |                |  |
|----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|----------------|--|
| <b>B6C3F1 Mouse Female</b> | <b>160 MG/KG</b> | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0              |  |
|                            |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0              |  |
|                            |                  | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9              |  |
|                            |                  | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |                |  |
|                            | ANIMAL ID        | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |  |
|                            |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |  |
|                            |                  | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |                |  |
|                            |                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |                |  |
|                            |                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | <b>*TOTALS</b> |  |

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

Urinary Bladder + + + + + + + + + + 10

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

**\*\* 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