

**Experiment Number:** 88036-02  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Anthraquinone  
**CAS Number:** 84-65-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:13:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**C Number:** C88036  
**Lock Date:** 08/10/1994  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** NONE

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Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>0 PPM</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
		2	2	2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	1	0
		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 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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First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 0 PPM	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	
	1	2	3	4	5	6	7	8	9	0	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
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	+	+	+	+	+	+	M	+	+	+	9
<b>Integumentary System</b>											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10

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+ ..Tissue examined microscopically

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First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 0 PPM	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	
		2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	1	
	1	2	3	4	5	6	7	8	9	0	0	

**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

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Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
1875 PPM

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
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10	
Centrilobular, Hypertrophy			1								1	1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	1		1	1	1			1		6	1.0
Pigmentation	1	1	1	1	1	2	1	2	1	1	10	1.2

Integumentary System

NONE

Musculoskeletal 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

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Species/Strain: Mouse/B6C3F1

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Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>1875 PPM</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	
		2	2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	2		
	1	2	3	4	5	6	7	8	9	0		

NONE  
**Nervous System**

NONE  
**Respiratory System**

NONE  
**Special Senses System**

NONE  
**Urinary System**

Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
Transit Epithe, Cytoplasmic Alteration	1	1	1	2	1	1	1	1	1	1	10 1.1

\* ..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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1-4 ..Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
3750 PPM

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	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	3	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10	
Centrilobular, Hypertrophy	1	1	1	2	2	2	1	2	2		9	1.6

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1	1	1	10	1.0
Pigmentation	1	1	2	2	2	2	2	2	2	2	10	1.8

Integumentary System

NONE

Musculoskeletal 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:

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Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>3750 PPM</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	
		2	2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	3		
	1	2	3	4	5	6	7	8	9	0		

NONE  
**Nervous System**

NONE  
**Respiratory System**

NONE  
**Special Senses System**

NONE  
**Urinary System**

Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
Transit Epithe, Cytoplasmic Alteration	2	3	2	3	3	2	2	3	3	2	10 2.5

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>7500 PPM</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	
		2	2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	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	4		
	1	2	3	4	5	6	7	8	9	0		
		<b>*TOTALS</b>										

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	10	
Centrilobular, Hypertrophy	2	3	3	2	3	3	3	3	3	3	10	2.8

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1	1	1	10	1.0
Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0

**Integumentary System**

NONE

**Musculoskeletal 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

Experiment Number: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>7500 PPM</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	
		2	2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	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		
	1	2	3	4	5	6	7	8	9	0		

NONE  
**Nervous System**

NONE  
**Respiratory System**

NONE  
**Special Senses System**

NONE  
**Urinary System**

Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
Transit Epithe, Cytoplasmic Alteration	4	3	3	3	3	3	3	3	3	3	10 3.1

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+ ..Tissue examined microscopically

X ..Lesion present

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Date Report Requested: 10/17/2014

Time Report Requested: 16:13:46

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>15000 PPM</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	
		2	2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	<b>*TOTALS</b>
		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	5		
		1	2	3	4	5	6	7	8	9		

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	10	
Centrilobular, Hypertrophy	3	3	3	3	3	3	3	3	3	3	10	3.0
Degeneration							2				1	2.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1	1	1	10	1.0
Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0

**Integumentary System**

NONE

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

+ ..Tissue examined microscopically

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First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>15000 PPM</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
		2	2	2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		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	5	5
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

Urinary Bladder

+ + + + + + + + + + 10

Transit Epithe, Cytoplasmic Alteration

3 3 3 3 3 4 3 3 4 3 10 3.2

\* ..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

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Experiment Number: 88036-02

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Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA

Lab: BAT

|                                              |             |   |   |   |   |   |   |   |   |   |   |         |
|----------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Male</b><br><b>30000 PPM</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 |         |
|                                              |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                              | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                              | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |   |         |
|                                              | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

**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     |
| Centrilobular, Hypertrophy | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 10 3.1 |
| 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 |

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse Male<br>30000 PPM   | 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 |         |
|                                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |         |
|                                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic               | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                | +           | + | + | + | + | + | + | + | + | + | 10      |
| 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      |
| Hematopoietic Cell Proliferation | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 1.0   |
| Pigmentation                     | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 2.0   |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                              |             |   |   |   |   |   |   |   |   |   |   |         |
|----------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Male</b><br><b>30000 PPM</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 |         |
|                                              |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                              | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                              | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |   |         |
|                                              | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

**Integumentary System**

|               |   |   |   |   |   |   |   |   |   |   |    |
|---------------|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | 0  |
| Skin          | + | + | + | + | + | + | + | + | + | + | 10 |

**Musculoskeletal System**

|      |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | + | + | + | + | + | + | + | + | + | 10 |
|------|---|---|---|---|---|---|---|---|---|---|----|

**Nervous System**

|       |   |   |   |   |   |   |   |   |   |   |    |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

**Respiratory System**

|                               |   |   |   |   |   |   |   |   |   |   |       |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Lung                          | + | + | + | + | + | + | + | + | + | + | 10    |
| Nose                          | + | + | + | + | + | + | + | + | + | + | 10    |
| Olfactory Epi, Atrophy, Focal | 2 |   |   |   |   |   |   |   |   |   | 1 2.0 |
| Trachea                       | + | + | + | + | + | + | + | + | + | + | 10    |

**Special Senses System**

NONE

**Urinary System**

|                                        |   |   |   |   |   |   |   |   |   |   |        |
|----------------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Kidney                                 | + | + | + | + | + | + | + | + | + | + | 10     |
| Urinary Bladder                        | + | + | + | + | + | + | + | + | + | + | 10     |
| Transit Epithe, Cytoplasmic Alteration | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 10 3.8 |

\*\*\*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

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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                            |             |   |   |   |   |   |   |   |   |   |   |                |
|--------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b><br><b>0 PPM</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 |                |
|                                            |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                |
|                                            | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <b>*TOTALS</b> |
|                                            | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                |
|                                            | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                |
|                                            | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |   |                |
|                                            | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |                |

**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 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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse Female<br>0 PPM     | 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 |         |
|                                  | 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                    | +           | + | + | + | + | + | + | + | M | + | 9       |
| <b>General Body System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| NONE                             |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                   | +           | + | M | + | + | + | + | + | + | + | 9       |
| Ovary                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Hematopoietic Cell Proliferation | 1           |   | 1 | 1 |   |   | 1 | 1 | 1 |   | 6 1.0   |
| Pigmentation                     | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 1.0  |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>    |             |   |   |   |   |   |   |   |   |   |         |

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse Female<br>0 PPM | 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 |         |
|                              | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |         |
|                              | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Bone                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>        |             |   |   |   |   |   |   |   |   |   |         |
| Brain                        | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Lung                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Nose                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b> |             |   |   |   |   |   |   |   |   |   |         |
| NONE                         |             |   |   |   |   |   |   |   |   |   |         |
| <b>Urinary System</b>        |             |   |   |   |   |   |   |   |   |   |         |
| Kidney                       | +           | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder              | +           | + | + | + | + | + | + | + | + | + | 10      |

\* ..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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                               |             |   |   |   |   |   |   |   |   |   |   |         |
|-----------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>1875 PPM</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 |         |
|                                               |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                               | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                               | 7           | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |   |         |
|                                               | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

**Alimentary System**

|                            |   |   |   |   |   |   |   |   |   |   |       |
|----------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Liver                      | + | + | + | + | + | + | + | + | + | + | 10    |
| Centrilobular, Hypertrophy |   | 1 |   |   | 1 |   |   |   |   |   | 2 1.0 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

|                                  |   |   |   |   |   |   |   |   |   |   |        |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Spleen                           | + | + | + | + | + | + | + | + | + | + | 10     |
| Hematopoietic Cell Proliferation | 2 | 1 | 2 | 2 | 1 | 2 | 2 |   | 2 | 2 | 9 1.8  |
| Pigmentation                     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 10 2.0 |

**Integumentary System**

NONE

**Musculoskeletal 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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                 |             |   |   |   |   |   |   |   |   |   |   |         |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female<br>1875 PPM | 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 |         |
|                                 |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                 | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |         |
|                                 |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |

NONE  
Nervous System

NONE  
Respiratory System

NONE  
Special Senses System

NONE  
Urinary System

|                                        |   |   |   |   |   |   |   |   |   |   |        |
|----------------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Urinary Bladder                        | + | + | + | + | + | + | + | + | + | + | 10     |
| Transit Epithe, Cytoplasmic Alteration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 1.0 |

\* ..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

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2) Mild 4) Marked

Experiment Number: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                               |             |   |   |   |   |   |   |   |   |   |   |         |
|-----------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>3750 PPM</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 |         |
|                                               |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                               | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                               | 8           | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |   |         |
|                                               | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

**Alimentary System**

|                            |   |   |   |   |   |   |   |   |   |   |  |   |       |
|----------------------------|---|---|---|---|---|---|---|---|---|---|--|---|-------|
| Intestine Large, Rectum    |   |   |   |   |   |   |   |   |   |   |  | + | 1     |
| Liver                      | + | + | + | + | + | + | + | + | + | + |  |   | 10    |
| Centrilobular, Hypertrophy | 1 |   | 1 |   |   | 1 | 1 | 1 |   |   |  |   | 5 1.0 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

|                                  |   |   |   |   |   |   |   |   |   |   |  |  |        |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|--|--|--------|
| Spleen                           | + | + | + | + | + | + | + | + | + | + |  |  | 10     |
| Hematopoietic Cell Proliferation | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 2 |  |  | 10 1.7 |
| Pigmentation                     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  | 10 2.0 |

**Integumentary System**

NONE

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                               |             |   |   |   |   |   |   |   |   |   |   |         |
|-----------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>3750 PPM</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 |         |
|                                               |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                               | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                               | 8           | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |   |         |
|                                               | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | 10 |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|

|                                        |   |   |   |   |   |   |   |   |   |   |    |     |
|----------------------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|
| Transit Epithe, Cytoplasmic Alteration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 1.0 |
|----------------------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                               |             |   |   |   |   |   |   |   |   |   |   |                |
|-----------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b><br><b>7500 PPM</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 |                |
|                                               |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                |
|                                               | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <b>*TOTALS</b> |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |   |                |
|                                               | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |   |                |
|                                               | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |                |

**Alimentary System**

|                            |   |   |   |   |   |   |   |   |   |   |       |
|----------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Liver                      | + | + | + | + | + | + | + | + | + | + | 10    |
| Centrilobular, Hypertrophy | 1 | 1 |   | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 9 1.1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

|                                  |   |   |   |   |   |   |   |   |   |   |        |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Spleen                           | + | + | + | + | + | + | + | + | + | + | 10     |
| Hematopoietic Cell Proliferation | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 10 1.8 |
| Pigmentation                     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 10 2.0 |

**Integumentary System**

NONE

**Musculoskeletal 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

Experiment Number: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                               |             |   |   |   |   |   |   |   |   |   |   |         |
|-----------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>7500 PPM</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 |         |
|                                               |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                               | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |         |
|                                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |   |         |
|                                               | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |   |         |
|                                               | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

NONE  
**Nervous System**

NONE  
**Respiratory System**

NONE  
**Special Senses System**

NONE  
**Urinary System**

|                                        |   |   |   |   |   |   |   |   |   |   |        |
|----------------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Urinary Bladder                        | + | + | + | + | + | + | + | + | + | + | 10     |
| Transit Epithe, Cytoplasmic Alteration | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 10 1.7 |

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                                |             |   |   |   |   |   |   |   |   |   |   |                |
|------------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b><br><b>15000 PPM</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 |                |
|                                                |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                |
|                                                | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <b>*TOTALS</b> |
|                                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                |
|                                                | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |                |
|                                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |   |                |
|                                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |                |

**Alimentary System**

|                            |   |   |   |   |   |   |   |   |   |   |    |     |
|----------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|
| Liver                      | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Centrilobular, Hypertrophy | 2 |   | 2 |   | 1 | 2 | 1 |   | 2 | 2 | 7  | 1.7 |
| Necrosis, Focal            |   |   |   |   |   |   |   |   | 1 |   | 1  | 1.0 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

|                                  |   |   |   |   |   |   |   |   |   |   |     |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|-----|
| Spleen                           | + | + | + | + | + | + | + | + | + | 9 |     |
| Hematopoietic Cell Proliferation | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2.0 |
| Pigmentation                     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2.0 |

**Integumentary System**

NONE

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                                |             |         |   |   |   |   |   |   |   |   |   |
|------------------------------------------------|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>15000 PPM</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 |
|                                                |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|                                                | ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                                |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                                |             | 1       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|                                                |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |   |
|                                                |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|                                                |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

Urinary Bladder

+ + + + + + + + + + 10

Transit Epithe, Cytoplasmic Alteration

3 2 3 3 3 3 2 3 3 3 10 2.8

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

|                                                |             |   |   |   |   |   |   |   |   |   |   |                |
|------------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b><br><b>30000 PPM</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 |                |
|                                                |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                |
|                                                | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <b>*TOTALS</b> |
|                                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                |
|                                                | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |                |
|                                                | 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                    | + | + | + | + | + | + | + | + | + | + | 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     |
| Centrilobular, Hypertrophy     | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 10 2.4 |
| Pancreas                       | + | + | + | + | + | + | + | + | + | + | 10     |
| Acinus, Cytoplasmic Alteration | 1 |   |   |   |   |   |   |   |   |   | 1 1.0  |
| Salivary Glands                | + | + | + | + | + | + | + | + | + | + | 10     |
| Stomach, Forestomach           | + | + | + | + | + | + | + | + | + | + | 10     |
| Stomach, Glandular             | + | + | + | + | + | + | + | + | + | + | 10     |

**Cardiovascular System**

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

**Endocrine System**

|                |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|----|

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse Female<br>30000 PPM | 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 |         |
|                                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|                                  | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
| Adrenal Medulla                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| Islets, Pancreatic               | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                | +           | + | + | M | M | + | + | + | + | + | 8       |
| Pituitary Gland                  | M           | + | + | + | + | + | + | + | M | + | 8       |
| Thyroid Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| NONE                             |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                   | M           | + | + | + | + | + | + | + | + | + | 9       |
| Ovary                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Hematopoietic Cell Proliferation | 2           | 2 | 2 | 2 | 2 | 2 |   | 2 | 2 | 2 | 9 2.0   |
| Pigmentation                     | 2           | 2 | 2 | 2 | 2 | 2 |   | 2 | 2 | 2 | 9 2.0   |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |

\* ..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: 88036-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/17/2014

Time Report Requested: 16:13:47

First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse Female<br>30000 PPM       | 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 |         |
|                                        | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                        | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|                                        | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2       |
|                                        | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Skin                                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>          |             |   |   |   |   |   |   |   |   |   |         |
| Bone                                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>                  |             |   |   |   |   |   |   |   |   |   |         |
| Brain                                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>              |             |   |   |   |   |   |   |   |   |   |         |
| Lung                                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| Nose                                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                                | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>           |             |   |   |   |   |   |   |   |   |   |         |
| NONE                                   |             |   |   |   |   |   |   |   |   |   |         |
| <b>Urinary System</b>                  |             |   |   |   |   |   |   |   |   |   |         |
| Kidney                                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder                        | +           | + | + | + | + | + | + | + | + | + | 10      |
| Transit Epithe, Cytoplasmic Alteration | 4           | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 10 3.5  |

\*\* END OF REPORT \*\*

\* ..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