

**Experiment Number:** 88105-02  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Isoeugenol  
**CAS Number:** 97-54-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 18:20:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88105
<b>Lock Date:</b>	03/01/2002
<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

Experiment Number: 88105-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014

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Route: GAVAGE

CAS Number: 97-54-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>0 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		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	1		
	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
Inflammation, Chronic Active			1					1			2 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Epithelium, Hyperplasia, Squamous				1					1		2 1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

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

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
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\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88105-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014

Test Type: 90-DAY

Test Compound: Isoeugenol

Time Report Requested: 18:20:52

Route: GAVAGE

CAS Number: 97-54-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 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	5	1.0
Subcapsular, Hyperplasia			1		1		1		1	1		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Follicle, Degeneration	1										1	1.0
<b>General Body System</b>												
NONE												
<b>Genital System</b>												
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	10	
Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10	
Prostate	+	+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Testes	+	+	+	+	+	+	+	+	+	+	10	
<b>Hematopoietic System</b>												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mandibular	+	+	+	+	+	+	+	M	+	M	8	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	

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Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:52

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	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	3	3	3	3	3	3	3	3	3	3	
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	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>											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphoid		1	1						1		3 1.0
Nephropathy				1							1 1.0

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88105-02  
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 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Isoeugenol  
 CAS Number: 97-54-1

Date Report Requested: 10/21/2014  
 Time Report Requested: 18:20:52  
 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		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		<b>*TOTALS</b>	
Renal Tubule, Dilatation											1	1	1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+		10	
Mineralization											1	1	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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:52

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>37.5 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		
	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		

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active	1	1		1	1	1				1	6 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Epithelium, Hyperplasia, Squamous				1							1 1.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**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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Experiment Number: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:52

First Dose M/F: NA / NA

Lab: BAT

**B6C3F1 Mouse Male**  
**37.5 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
	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									

NONE  
**Nervous System**

NONE  
**Respiratory System**

Nose + + + + + + + + + + 10  
**Special Senses System**

NONE  
**Urinary 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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:52

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>75 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		
	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		

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active	1	1	1	1			1			1	6 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Epithelium, Hyperplasia, Squamous			1		2		1				3 1.3

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
75 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
	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									

NONE  
Nervous System

NONE  
Respiratory System

Nose + + + + + + + + + + 10  
Special Senses System

NONE  
Urinary 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

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1-4 ..Lesion qualified as:

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Experiment Number: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:52

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>150 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		
	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		

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active			1		1					1	3 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Epithelium, Hyperplasia, Squamous					1			1			2 1.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**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

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Experiment Number: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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Date Report Requested: 10/21/2014

Time Report Requested: 18:20:52

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>150 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
		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
		*TOTALS									

NONE  
Nervous System

NONE  
Respiratory System

Nose + + + + + + + + + + 10  
Special Senses System

NONE  
Urinary 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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

**B6C3F1 Mouse Male**  
**300 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
	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
	<b>*TOTALS</b>									

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic Active			1	1		1				1	1	5	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10		
Epithelium, Hyperplasia, Squamous				1			1	2	1		4	1.3	

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Testes	+	1
Germinal Epith, Degeneration	2	1 2.0
Mineralization	1	1 1.0

**Hematopoietic System**

NONE

**Integumentary System**

NONE

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+ ..Tissue examined microscopically

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First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
300 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
	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Nose

+ + + + + + + + + + 10

Special Senses System

NONE

Urinary 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

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2) Mild 4) Marked

Experiment Number: 88105-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014

Test Type: 90-DAY

Test Compound: Isoeugenol

Time Report Requested: 18:20:52

Route: GAVAGE

CAS Number: 97-54-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Male</b><br><b>600 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 |   |         |
|  | 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 |     |
| Inflammation, Chronic Active      |   |   | 2 |   | 1 |   |   |   |   |   | 2  | 1.5 |
| 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 |     |
| Inflammation, Chronic Active      | 1 |   |   | 1 |   | 1 | 1 |   |   |   | 4  | 1.0 |
| Mixed Cell Focus                  |   | X |   |   |   |   |   |   |   |   | 1  |     |
| Pancreas                          | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Salivary Glands                   | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Epithelium, Hyperplasia, Squamous |   |   | 1 |   |   | 1 |   | 1 |   |   | 3  | 1.0 |
| Stomach, Glandular                | + | + | + | + | + | + | + | + | + | + | 10 |     |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | M | + | + | + | 9  |

\* ..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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Male</b><br><b>600 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 |   |         |
|  | 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 |   |         |

**Endocrine System**

|                          |   |   |   |   |   |   |   |   |   |   |       |
|--------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Adrenal Cortex           | + | + | + | + | + | + | + | + | + | + | 10    |
| Subcapsular, Hyperplasia | 1 |   | 1 | 1 |   |   |   |   | 1 | 1 | 5 1.0 |
| Adrenal Medulla          | + | + | + | + | + | + | + | + | + | + | 10    |
| Islets, Pancreatic       | + | + | + | + | + | + | + | + | + | + | 10    |
| Parathyroid Gland        | + | + | + | + | + | + | + | + | + | + | 10    |
| Pituitary Gland          | + | + | + | + | + | + | + | + | + | + | 10    |
| Thyroid Gland            | + | + | + | + | + | + | + | + | + | + | 10    |
| Follicle, Degeneration   |   |   |   | 1 |   |   |   |   |   |   | 1 1.0 |

**General Body System**

NONE

**Genital System**

|                              |   |   |   |   |   |   |   |   |   |   |       |
|------------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Coagulating Gland            | + | + | + | + | + | + | + | + | + | + | 10    |
| Epididymis                   | + | + | + | + | + | + | + | + | + | + | 10    |
| Preputial Gland              | + | + | + | + | + | + | + | + | + | + | 10    |
| Prostate                     | + | + | + | + | + | + | + | + | + | + | 10    |
| Seminal Vesicle              | + | + | + | + | + | + | + | + | + | + | 10    |
| Inflammation, Chronic Active |   |   |   |   |   |   | 1 |   |   |   | 1 1.0 |
| Testes                       | + | + | + | + | + | + | + | + | + | + | 10    |

**Hematopoietic System**

|             |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 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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BLANK ..Not examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
600 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 |         |
|             | 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 | *TOTALS |

|                               |   |   |   |   |   |   |   |   |   |   |        |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| 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 | M | 0      |
| Skin                          | + | + | + | + | + | + | + | + | + | + | 10     |
| <b>Musculoskeletal System</b> |   |   |   |   |   |   |   |   |   |   |        |
| Bone                          | + | + | + | + | + | + | + | + | + | + | 10     |
| <b>Nervous System</b>         |   |   |   |   |   |   |   |   |   |   |        |
| Brain                         | + | + | + | + | + | + | + | + | + | + | 10     |
| <b>Respiratory System</b>     |   |   |   |   |   |   |   |   |   |   |        |
| Lung                          | + | + | + | + | + | + | + | + | + | + | 10     |
| Nose                          | + | + | + | + | + | + | + | + | + | + | 10     |
| Nerve, Atrophy                |   |   |   |   | 1 | 1 | 1 | 1 |   | 1 | 5 1.0  |
| Olfactory Epi, Atrophy        | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 1 | 3 | 10 2.0 |
| Trachea                       | + | + | + | + | + | + | + | + | + | + | 10     |
| <b>Special Senses System</b>  |   |   |   |   |   |   |   |   |   |   |        |
| Eye                           | + | + | + | + | + | + | + | + | + | + | 10     |

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

+ ..Tissue examined microscopically

X ..Lesion present

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Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

**B6C3F1 Mouse Male  
600 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 |                |
|                              | 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 | <b>*TOTALS</b> |
| Harderian Gland              | + | + | + | + | + | + | + | + | + | + | 10             |
| <b>Urinary System</b>        |   |   |   |   |   |   |   |   |   |   |                |
| Kidney                       | + | + | + | + | + | + | + | + | + | + | 10             |
| Inflammation, Chronic        |   |   |   | 1 |   |   |   |   |   |   | 1 1.0          |
| Renal Tubule, Mineralization |   |   |   |   |   |   |   |   | 1 |   | 1 1.0          |
| Urinary Bladder              | + | + | + | + | + | + | + | + | + | + | 10             |

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *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 |         |
|                                | 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    |
| Inflammation, Chronic Active      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 1.0 |
| Pancreas                          | + | + | + | + | + | + | + | + | + | + | 10    |
| Salivary Glands                   | + | + | + | + | + | + | + | + | + | + | 10    |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | 10    |
| Epithelium, Hyperplasia, Squamous | 1 | 2 |   | 1 |   |   |   | 1 |   | 1 | 5 1.2 |
| 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

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X ..Lesion present

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CAS Number: 97-54-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   |         |     |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |     |
| ANIMAL ID                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |     |
|                                | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |     |
| Subcapsular, Hyperplasia       | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10      | 1.0 |
| Adrenal Medulla                | +           | + | + | + | + | + | + | + | + | + | 10      |     |
| Islets, Pancreatic             | +           | + | + | + | + | + | + | + | + | + | 10      |     |
| Parathyroid Gland              | +           | + | + | + | M | + | + | + | + | + | 9       |     |
| 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                           | +           | + | + | + | + | + | + | + | I | + | 9       |     |

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

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X ..Lesion present

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Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *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 |         |
|                                | 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 |         |
| Skin                           | +           | + | + | + | + | + | + | + | I | + | 9       |
| <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>   |             |   |   |   |   |   |   |   |   |   |         |
| Eye                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland                | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>          |             |   |   |   |   |   |   |   |   |   |         |
| Kidney                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Renal Tubule, Dilatation       |             |   |   |   |   |   |   |   | 1 | 1 | 2 1.0   |
| Urinary Bladder                | +           | + | + | + | + | + | + | + | + | + | 10      |

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

+ ..Tissue examined microscopically

X ..Lesion present

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First Dose M/F: NA / NA

Lab: BAT

|   |             |   |   |   |   |   |   |   |   |   |   |         |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>37.5 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 |   |         |
|   | 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     |
| Inflammation, Chronic Active      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 1.0 |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | 10     |
| Epithelium, Hyperplasia, Squamous |   |   | 2 |   |   |   |   |   |   |   | 1 2.0  |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|   |             |   |   |   |   |   |   |   |   |   |   |         |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>37.5 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 |   |         |
|   | 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 |   |         |

NONE  
Nervous System

NONE  
Respiratory System

Nose + + + + + + + + + + 10  
Special Senses System

NONE  
Urinary 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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|   |             |   |   |   |   |   |   |   |   |   |   |         |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>75 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 |   |         |
|   | 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**

|                                   |   |   |   |   |   |   |   |   |   |   |    |     |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|
| Liver                             | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Inflammation, Chronic Active      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 1.0 |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Epithelium, Hyperplasia, Squamous | 2 |   |   |   |   |   |   | 1 |   |   | 2  | 1.5 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|   |             |   |   |   |   |   |   |   |   |   |   |         |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>75 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 |   |         |
|   | 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 |   |         |

NONE  
Nervous System

NONE  
Respiratory System

Nose + + + + + + + + + + 10  
Special Senses System

NONE  
Urinary 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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |                |
|--|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b><br><b>150 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 | <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    |
| Inflammation, Chronic Active      | 1 | 1 |   | 1 | 1 | 1 | 1 |   |   |   | 7 1.0 |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | 10    |
| Epithelium, Hyperplasia, Squamous |   |   |   | 1 |   |   |   | 2 |   |   | 2 1.5 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>150 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 |   |         |
|  | 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

|      |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|----|
| Nose | + | + | + | + | + | + | + | + | + | + | 10 |
|------|---|---|---|---|---|---|---|---|---|---|----|

Special Senses System

NONE  
Urinary 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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |                |
|--|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b><br><b>300 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 | <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 |     |
| Inflammation, Chronic Active      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 1.0 |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Epithelium, Hyperplasia, Squamous | 1 |   |   |   |   |   |   |   |   |   | 1  | 1.0 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>300 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 |   |         |
|  | 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 |   |         |

NONE  
Nervous System

NONE  
Respiratory System

Nose + + + + + + + + + + 10  
Special Senses System

NONE  
Urinary 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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|                            |                  | DAY ON TEST |   |   |   |   |   |   |   |   |   |                |  |
|----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|----------------|--|
| <b>B6C3F1 Mouse Female</b> | <b>600 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 | 3              |  |
|                            |                  | 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 | 2 |                |  |
|                            |                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | <b>*TOTALS</b> |  |

**Alimentary System**

|                                   |   |   |   |   |   |   |   |   |   |   |    |     |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|
| Esophagus                         | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Inflammation, Chronic Active      |   |   | 1 |   |   |   |   |   |   |   | 1  | 1.0 |
| 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 |     |
| Inflammation, Chronic Active      | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | 1 |   | 8  | 1.0 |
| Pancreas                          | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Salivary Glands                   | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Inflammation, Chronic             |   |   |   |   |   |   |   |   |   | 1 | 1  | 1.0 |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | 10 |     |
| Epithelium, Hyperplasia, Squamous | 1 |   | 1 |   |   | 2 |   | 2 | 2 |   | 5  | 1.6 |
| Stomach, Glandular                | + | + | + | + | + | + | + | + | + | + | 10 |     |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |  |
|--------------|---|---|---|---|---|---|---|---|---|---|----|--|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |  |
| Heart        | + | + | + | + | + | + | + | + | + | + | 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: 88105-02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Isoeugenol

CAS Number: 97-54-1

Date Report Requested: 10/21/2014

Time Report Requested: 18:20:53

First Dose M/F: NA / NA

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |                |
|--|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b><br><b>600 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 | <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 |   |                |

**Endocrine System**

|                          |   |   |   |   |   |   |   |   |   |   |        |
|--------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex           | + | + | + | + | + | + | + | + | + | + | 10     |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 1.0 |
| Adrenal Medulla          | + | + | + | + | + | + | + | + | + | + | 10     |
| Islets, Pancreatic       | + | + | + | + | + | + | + | + | + | + | 10     |
| Parathyroid Gland        | + | M | + | + | + | + | + | + | + | + | 9      |
| Pituitary Gland          | + | + | + | + | + | + | + | + | + | + | 10     |
| Thyroid Gland            | + | + | + | + | + | + | + | + | + | + | 10     |
| Follicle, Degeneration   |   |   |   |   |   |   |   |   | 1 |   | 1 1.0  |

**General Body System**

NONE

**Genital System**

|                |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Ovary          | + | + | + | + | + | + | + | + | + | + | 10 |
| Uterus         | + | + | + | + | + | + | + | + | + | + | 10 |

**Hematopoietic System**

|                        |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Thymus                 | + | + | + | + | + | + | + | + | + | + | 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: 88105-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014

Test Type: 90-DAY

Test Compound: Isoeugenol

Time Report Requested: 18:20:54

Route: GAVAGE

CAS Number: 97-54-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Female<br>600 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 |         |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Bone                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Brain                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>        |             |   |   |   |   |   |   |   |   |   |         |
| Lung                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| Nose                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| Nerve, Atrophy                   | 2           | 2 | 1 |   |   | 2 | 1 | 1 | 2 | 2 | 8 1.6   |
| Olfactory Epi, Atrophy           | 3           | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 3 | 2 | 10 2.3  |
| Trachea                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| Eye                              | +           | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Kidney                           | +           | + | + | + | + | + | + | + | + | + | 10      |

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

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88105-02  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Isoeugenol  
 CAS Number: 97-54-1

Date Report Requested: 10/21/2014  
 Time Report Requested: 18:20:54  
 First Dose M/F: NA / NA  
 Lab: BAT

|  |             |                |   |   |   |   |   |   |   |   |    |
|--|-------------|----------------|---|---|---|---|---|---|---|---|----|
| <b>B6C3F1 Mouse Female</b><br><b>600 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 |    |
|  |             | 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  |
|  |             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |    |
| Urinary Bladder                                |             | +              | + | + | + | + | + | + | + | + | 10 |

**\*\* END OF REPORT \*\***

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