

Experiment Number: 99023-02
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/20/2014
Time Report Requested: 17:35:51
First Dose M/F: NA / NA
Lab: BAT

C Number: C99023
Lock Date: 10/17/2001
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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B6C3F1 Mouse Male 0 G/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	*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		

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
Infiltration Cellular, Mixed Cell	1	2		1	1	1		1	1		7 1.1
Necrosis, Focal									1		1 1.0
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

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

Endocrine 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

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B6C3F1 Mouse Male 0 G/KG	DAY ON TEST												
	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	9	9	9	9	9	9	9	9	9	9			
	3	3	3	3	3	3	3	3	3	3			
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	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	*TOTALS		
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10		
Capsule, Hyperplasia	1	1		1				1	1		5	1.0	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	M	9		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10		
General Body System													
NONE													
Genital System													
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	10		
Epididymis	+	+	+	+	+	+	+	+	+	+	10		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10		
Prostate	+	+	+	+	+	+	+	+	+	+	10		
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10		
Testes	+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic System													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Red Pulp, Hematopoietic Cell Proliferation					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

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Lab: BAT

B6C3F1 Mouse Male 0 G/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	
	1	2	3	4	5	6	7	8	9	0	
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cyst											1 1.0
Integumentary System											
Mammary Gland	M	M	M	M	M	M	M	+	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System											
Bone	+	+	+	+	+	+	+	+	+	+	10
Nervous System											
Brain	+	+	+	+	+	+	+	+	+	+	10
Respiratory System											
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
Special Senses System											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear CI	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

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Lab: BAT

B6C3F1 Mouse Male
0 G/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		
	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		
	*TOTALS											
Inflammation, Chronic Active	1										1	1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

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First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 0.25 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	1	1	1		1		1	1	1	1	8 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Testes	+	+	+	+	+	+	+	+	+	+	10
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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

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Lab: BAT

B6C3F1 Mouse Male 0.25 G/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
		2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	1	1
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

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

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy		1							1	1	3 1.0

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Time Report Requested: 17:35:51

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 0.5 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	1	1		1		1				1	5 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Testes	+	+	+	+	+	+	+	+	+	+	10
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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

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Lab: BAT

B6C3F1 Mouse Male 0.5 G/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	3	3	3	3	3	3	3	3	3
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3
		0	0	0	0	0	0	0	0	1	1
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

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

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
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Renal Tubule, Necrosis	1					1					2	1.0
------------------------	---	--	--	--	--	---	--	--	--	--	---	-----

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B6C3F1 Mouse Male 1.0 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4	4		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

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				1	1		1				3 1.0
Infiltration Cellular, Mixed Cell			1				1		1		3 1.0
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear CI					1						1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
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

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Lab: BAT

B6C3F1 Mouse Male 1.0 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4	4		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Capsule, Hyperplasia	1			1			1				3 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	10
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10

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

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First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 1.0 G/KG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cyst					1						1 1.0
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
Respirat Epith, Inflammation			1								1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
Special Senses System											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Urinary 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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:51

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male
1.0 G/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy									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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Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:51

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 2.0 G/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	9	2	2	2	2	2	0	2	2
		8	3	2	3	1	3	4	7	2	1
	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	5	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
	*TOTALS										

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	A	+	+	+	+	+	9
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	I	A	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	+	+	9
Intestine Small, Ileum	+	+	+	+	A	+	+	+	+	+	9
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	+	A	8
Liver	+	+	+	+	+	+	+	+	+	+	10
Centrilobular, Hypertrophy			1				1	2	2	1	5 1.4
Centrilobular, Necrosis				1	2	1	1			1 2	6 1.3
Infiltration Cellular, Mixed Cell	1					1					2 1.0
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Degeneration				3	2		2	1	2	2	7 2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Epithelium, Hyperplasia	2			1			2	2	3		5 2.0
Inflammation	2			2	2		2	1	3		6 2.0
Ulcer	2			2	1		1	1	2		6 1.5
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:51

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 2.0 G/KG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	9	2	2	2	2	2	0	2	2	
	8	3	2	3	1	3	4	7	2	1	
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	5	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Inflammation						1					1 1.0
Ulcer								1			1 1.0
Cardiovascular System											
Blood Vessel	M	+	+	+	+	+	+	+	+	+	9
Heart	+	+	+	+	+	+	+	+	+	+	10
Endocrine System											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Capsule, Hyperplasia	1	1				1				1	4 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	M	M	+	+	M	+	+	+	+	+	7
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
General Body System											
NONE											
Genital System											
Coagulating Gland	+	+	+	+	+	+	+	+	+	M	9
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

* ..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:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

**B6C3F1 Mouse Male
2.0 G/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	
	8	3	2	3	1	3	4	7	2	1		
Testes	+	+	+	+	+	+	+	+	+	+	10	
Germinal Epith, Degeneration				3		3					2	3.0
Hematopoietic System												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Atrophy			1	1		1	1		1	1	6	1.0
Lymph Node, Mandibular	+	+	+	+	+	+	M	+	+	+	9	
Necrosis			3		2	2		2	3		5	2.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Necrosis			3	2	3	3	3	3	3		7	2.9
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Lymph Follic, Necrosis			3	3	3	2	3	3	3	3	8	2.9
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Necrosis	1	1	4	4	4	4	4	4	4	4	10	3.4
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	
Ventricle, Hydrocephalus							2				1	2.0

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

+ ..Tissue examined microscopically

X ..Lesion present

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Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 2.0 G/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	
		0	9	2	2	2	2	2	0	2	2	
		8	3	2	3	1	3	4	7	2	1	
		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	5	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	10	
Arteriole, Thrombosis				1							1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Olfactory Epi, Degeneration				2	1	2	1	1	1	1	7	1.3
Trachea	+	+	+	+	+	+	+	+	+	+	10	

Special Senses System

Eye	+	+	+	+	+	+	+	+	+	+	10	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10	

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy			1								1	1.0
Renal Tubule, Necrosis			1		1		1	3	1	1	6	1.3
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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Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 4.0 G/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	0	0	0	0	0	0	0	0	
		3	2	3	3	3	2	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		
	6	6	6	6	6	6	6	6	6	6		
	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	+	+	+	+	+	+	+	+	A	A	8	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	9	
Intestine Large, Colon	+	+	+	+	+	+	+	+	A	A	8	
Intestine Large, Rectum	+	+	+	A	+	+	+	+	+	+	9	
Intestine Small, Duodenum	+	+	+	A	+	+	+	A	A	A	6	
Intestine Small, Ileum	+	+	+	A	+	+	+	+	A	A	7	
Intestine Small, Jejunum	+	+	+	A	+	+	+	A	A	A	6	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Centrilobular, Mineralization								1			1	1.0
Centrilobular, Necrosis	4	3	3	2	2	1	2	2	3	2	10	2.4
Inflammation, Acute							1				1	1.0
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10	
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Degeneration	1	2	2	2	1	2	2	1	2	2	10	1.7
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Inflammation		3		1	1	1	4	3	1	4	8	2.3
Mineralization						1					1	1.0
Ulcer		3		1	1		3	4		2	6	2.3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male
4.0 G/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	0	0	0	0	0	0	0	0
	3	2	3	3	3	2	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
	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Cardiovascular System

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

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Capsule, Hyperplasia				1					1		2 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	+	M	+	M	+	M	+	+	6
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	10
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic 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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 4.0 G/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	
	6	6	6	6	6	6	6	6	6	6	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Atrophy	3		2								2 2.5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Necrosis	2	1	2	2	1	1			2	2	8 1.6
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Necrosis	3	2	2	3	2	2	2	2	2	2	10 2.2
Spleen	+	+	+	+	+	+	+	+	+	+	10
Congestion				2	2						2 2.0
Lymph Follic, Necrosis	3	1	3	2	2	1	2	2	2	2	10 2.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
Necrosis	3	3	4	3	2	2	2	4	4	3	10 3.0
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
Congestion	1				2						2 1.5

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

+ ..Tissue examined microscopically

X ..Lesion present

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2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male
4.0 G/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	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	3	2	3	3	3	2	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		
	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0	*TOTALS	
Inflammation, Suppurative										1	1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Olfactory Epi, Degeneration	1		2		2		1	1	1	2	7	1.4
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Special Senses System												
Eye	+	+	+	+	+	+	+	+	+	+	10	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10	
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Renal Tubule, Necrosis	3	1	3	2	1	2	3	1	2	2	10	2.0
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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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1		
	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
Infiltration Cellular, Mixed Cell	1	1	2		1	1	2	2	1	1	9 1.3
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear CI									1		1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

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

Endocrine 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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0 G/KG	DAY ON TEST											
	0	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		
	5	5	5	5	5	5	5	5	5	6		
	1	2	3	4	5	6	7	8	9	0		
											*TOTALS	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Capsule, Hyperplasia	1	2	1	2	2	2	1	2	1	1	10	1.5
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
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	
Cyst	1										1	1.0
Integumentary System												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	

* ..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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0 G/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	
	1	1	1	1	1	1	1	1	1	1	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System											
Bone	+	+	+	+	+	+	+	+	+	+	10
Nervous System											
Brain	+	+	+	+	+	+	+	+	+	+	10
Peripheral Nerve				+							1
Respiratory System											
Lung	+	+	+	+	+	+	+	+	+	+	10
Arteriole, Inflammation, Chronic	1										1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epi, Degeneration	1										1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
Special Senses System											
Ear		+		+							2
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0 G/KG	DAY ON TEST	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		
		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		
		5	5	5	5	5	5	5	5	6		
		1	2	3	4	5	6	7	8	9	0	*TOTALS
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

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0.25 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	5	5	5	5	5	5	5	5	5	6		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

Integumentary 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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0.25 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	5	5	5	5	5	5	5	5	5	6		
	1	2	3	4	5	6	7	8	9	0		

NONE
Musculoskeletal System

NONE
Nervous System

NONE
Respiratory System

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

Special Senses System

NONE
Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0.5 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	5	5	5	5	5	5	5	5	5	6		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10	
Clear Cell Focus									X		1	
Infiltration Cellular, Mixed Cell	1	1	2	2		1	1	1	1	1	9	1.2
Oral Mucosa				+			+				2	
Gingival, Inflammation				1			1				2	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Epithelium, Hyperplasia			2								1	2.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

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

A ..Autolysis precludes evaluation

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1-4 ..Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:52

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0.5 G/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	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Integumentary System											
NONE											
Musculoskeletal System											
NONE											
Nervous System											
NONE											
Respiratory System											
Nose	+	+	+	+	+	+	+	+	+	+	10
Respirat Epith, Inflammation			1					1			2 1.0
Respirat Epith, Mineralization								1			1 1.0
Special Senses System											
NONE											
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	+	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:

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2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 1.0 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4	4		
	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	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
Centrilobular, Hypertrophy	1					1					2 1.0
Infiltration Cellular, Mixed Cell	1	1	2	1		1	1	1	1	2	9 1.2
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Epithelium, Hyperplasia		3		1							2 2.0
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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 1.0 G/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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4	4		
	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	
Capsule, Hyperplasia	1	2	2	2	1	1	1	1	1	1	10	1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	+	M	+	+	M	+	+	+	+	8	
Cyst	1										1	1.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Granulomatous									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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 1.0 G/KG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cyst	1		1								2 1.0
Integumentary System											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System											
Bone	+	+	+	+	+	+	+	+	+	+	10
Nervous System											
Brain	+	+	+	+	+	+	+	+	+	+	10
Respiratory System											
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epi, Degeneration			1								1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
Special Senses System											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	+	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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 1.0 G/KG	DAY ON TEST	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		
		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		
		4	4	4	4	4	4	4	4	4		
		5	5	5	5	5	5	5	5	6		
		1	2	3	4	5	6	7	8	9	0	*TOTALS
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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2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 2.0 G/KG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	2	0	2	2	2	9	9	0	0	
	3	3	4	3	3	3	3	3	5	8	
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	5	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Epithelium, Muscularis, Inflammation, Suppurative						2					1	2.0
Gallbladder	+	+	+	+	A	A	+	+	+	+	8	
Intestine Large, Cecum	+	+	+	+	A	+	+	+	+	A	8	
Intestine Large, Colon	+	A	+	+	+	+	+	+	A	A	7	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	A	+	8	
Intestine Small, Ileum	+	A	A	+	A	+	+	+	+	A	6	
Intestine Small, Jejunum	+	A	A	+	A	+	+	+	+	A	6	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Centrilobular, Hypertrophy				1		1	1	1			4	1.0
Centrilobular, Necrosis					2	2			2		3	2.0
Infiltration Cellular, Mixed Cell				1				1			2	1.0
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10	
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Degeneration				2		2			2	2	4	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Epithelium, Hyperplasia					1	2			2	3	4	2.0
Inflammation	1	2	2	2	1	2			3	1	8	1.8

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

+ ..Tissue examined microscopically

X ..Lesion present

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99023-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: beta-Myrcene

Time Report Requested: 17:35:53

Species/Strain: Mouse/B6C3F1

CAS Number: 123-35-3

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 2.0 G/KG	DAY ON TEST										ANIMAL ID	*TOTALS	
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0		
	0	2	0	2	2	2	9	9	0	0	0		
	3	3	4	3	3	3	3	3	5	8	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	5	5		
	5	5	5	5	5	5	5	5	5	5	6		
	1	2	3	4	5	6	7	8	9	0	0		
Ulcer			1						3	1	3	1.7	
Stomach, Glandular Epithelium, Hyperplasia, Atypical Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	10		
							1				1	1.0	
						1					1	1.0	
Cardiovascular System													
Blood Vessel	+	+	+	+	+	+	+	+	+	+	10		
Heart	+	+	+	+	+	+	+	+	+	+	10		
Endocrine System													
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10		
Capsule, Hyperplasia	1	1	1	1		1	1	1	1	1	9	1.0	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10		
Parathyroid Gland	+	+	+	+	+	M	+	M	+	+	8		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10		
General Body System													
NONE													
Genital System													
Clitoral Gland	+	+	M	+	+	+	+	+	+	+	9		
Ovary	+	+	+	+	+	+	+	+	+	+	10		
Uterus	+	+	+	+	+	+	+	+	+	+	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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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 2.0 G/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	2	0	2	2	2	9	9	0	0	
	ANIMAL ID	3	3	4	3	3	3	3	3	5	8	
		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	5	
		5	5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Atrophy			1		2	2	2				4 1.8
Lymph Node, Mandibular	+		I	+	+	M	+	+	+	+	8
Necrosis	1				2		2				3 1.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Necrosis	1				3		2				3 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	10
Lymph Follic, Necrosis			4		3	3	2		4	3	6 3.2
Thymus	+	+	+	+	+	+	+	+	+	+	10
Necrosis	4	4	3	4	4	4	4		4	4	9 3.9

Integumentary System

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

Musculoskeletal System

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

Nervous System

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

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 2.0 G/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	4	3	3	3	3	3	5	8		
Inflammation, Suppurative	0	0	0	0	0	0	0	0	0	0	1	1.0
Nose	0	0	0	0	0	0	0	0	0	0	10	
Olfactory Epi, Degeneration	0	2	0	2	2	2	9	9	0	0	9	2.6
Olfactory Epi, Inflammation	3	3	4	3	3	3	3	3	5	8	2	2.0
Olfactory Epi, Metaplasia	0	0	0	0	0	0	0	0	0	0	1	2.0
Respirat Epith, Inflammation	0	0	0	0	0	0	0	0	0	0	1	2.0
Trachea	0	0	0	0	0	0	0	0	0	0	10	
Special Senses System												
Eye	0	0	0	0	0	0	0	0	0	0	10	
Harderian Gland	0	0	0	0	0	0	0	0	0	0	10	
Urinary System												
Kidney	0	0	0	0	0	0	0	0	0	0	10	
Renal Tubule, Necrosis	0	0	0	0	0	0	0	0	0	0	8	2.0
Renal Tubule, Regeneration	0	0	0	0	0	0	0	0	0	0	1	1.0
Urinary Bladder	0	0	0	0	0	0	0	0	0	0	10	

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

+ ..Tissue examined microscopically

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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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 4.0 G/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	0	0	0	0	0	0	0	0	
		2	2	2	3	2	2	2	3	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		
	6	6	6	6	6	6	6	6	6	6		
	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	+	+	+	A	+	+	+	+	+	+	9	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	A	+	A	+	+	+	+	8	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	A	+	+	+	+	+	+	9	
Intestine Small, Ileum	+	+	+	A	+	+	+	+	+	+	9	
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	9	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Centrilobular, Necrosis	1		3	3	1		1	4	2	3	8	2.3
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	10	
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Degeneration	1	1	1	1		2	1	1	1	1	9	1.1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Epithelium, Hyperplasia								1			1	1.0
Inflammation		2	2	1	1			3	2		6	1.8
Mineralization								2			1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	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: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 4.0 G/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	
	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	6	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
Heart	+	+	+	+	+	+	+	+	+	+	10
Endocrine System											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Capsule, Hyperplasia	1	1			1	1	1	1		1	7 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	M	M	+	M	+	+	+	+	M	M	5
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
General Body System											
NONE											
Genital System											
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Necrosis	3	1	1	2	2	2	1	2	2	2	10 1.8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Necrosis	2	1	2	2	2	1	3	3	3	2	10 2.1
Spleen	+	+	+	+	+	+	+	+	+	+	10

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Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

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Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 4.0 G/KG	DAY ON TEST													
	0	0	0	0	0	0	0	0	0	0				
ANIMAL ID	0	0	0	3	2	2	2	3	2	2	*TOTALS			
	0	0	0	0	0	0	0	0	0	0				
Spleen	+	+	+	+	+	+	+	+	+	+	10			
Lymph Follic, Necrosis			1	1				2	2	3	1	2	7	1.7
Thymus	+	+	+	+	+	+	+	+	+	+	10			
Necrosis	3	2	3	4	2	2	3	3	2	3	10	2.7		
Integumentary System														
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10			
Skin	+	+	+	+	+	+	+	+	+	+	10			
Musculoskeletal System														
Bone	+	+	+	+	+	+	+	+	+	+	10			
Nervous System														
Brain	+	+	+	+	+	+	+	+	+	+	10			
Spinal Cord				+							1			
Respiratory System														
Lung	+	+	+	+	+	+	+	+	+	+	10			
Nose	+	+	+	+	+	+	+	+	+	+	10			
Olfactory Epi, Degeneration	1	1	1	2	2	1	1	2	2	2	10	1.5		
Respirat Epith, Inflammation					1						1	1.0		
Trachea	+	+	+	+	+	+	+	+	+	+	10			
Special Senses System														
Eye	+	+	+	+	+	+	+	+	+	+	10			

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Experiment Number: 99023-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 4.0 G/KG	DAY ON TEST										*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	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	3	2	2	2	3	2	2	
	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	6	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
Harderian Gland	+	+	+	+	+	+	+	+	+	M	9
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Renal Tubule, Necrosis			3			2	2		1	2	5 2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
											** END OF REPORT **

* ..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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