

**Experiment Number:** 99009 - 01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
Myristicin  
**CAS Number:** 607-91-0

**Date Report Requested:** 11/14/2016  
**Time Report Requested:** 11:35:41  
**First Dose M/F:** 01/20/09 / 01/21/09  
**Lab:** BAT

F1\_RD\_Rev.2

**NTP Study Number:** C99009  
**Lock Date:** 04/22/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** 05/22/2012

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First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0
<b>0 mg/kg</b>	9	9	9	9	9	9	9	9	9	9
<b>ANIMAL ID</b>	2	2	2	2	2	2	2	2	2	2
	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>										

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule						X					<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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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

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID
	9	9	9	9	9	9	9	9	9	9	
<b>FISCHER 344 RATS MALE</b>	2	2	2	2	2	2	2	2	2	2	
<b>0 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	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>											

Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cardiomyopathy	1	1	1	1	1	1	1	1	1	1	<b>10 1.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland	+	M	+	+	+	+	M	M	+	+	<b>7</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Exfoliated Germ Cell		1									<b>1 1.0</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
<b>FISCHER 344 RATS MALE</b>	2	2	2	2	2	2	2	2	2	2			
<b>0 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	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>													
Elongated Spermatid, Retention	1	1		1	1					1			<b>5 1.0</b>
Germinal Epithelium, Degeneration		1		2	1			1		2			<b>5 1.4</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+			<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+			<b>10</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+			<b>10</b>
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**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+			<b>10</b>
-------	---	---	---	---	---	---	---	---	---	---	--	--	-----------

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+			<b>10</b>
------	---	---	---	---	---	---	---	---	---	---	--	--	-----------

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+ .. Tissue examined microscopically M .. Missing tissue  
X .. Lesion present A .. Autolysis precludes evaluation  
I .. Insufficient tissue BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
0 mg/kg	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>											
Inflammation, Chronic Active	1	1	1	1	2	1	1	1		1	<b>9 1.1</b>
Metaplasia, Osseous	1										<b>1 1.0</b>
Mineralization									1		<b>1 1.0</b>
Alveolus, Infiltration Cellular, Histiocyte		1	1	1	1	1	1	1	1	1	<b>9 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet			2					1			<b>2 1.5</b>
Olfactory Epithelium, Degeneration				2							<b>1 2.0</b>
Olfactory Epithelium, Metaplasia, Squamous				1							<b>1 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet	1										<b>1 1.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic				1							<b>1 1.0</b>
<b>URINARY SYSTEM</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization	1	1	1	1	1	1	1	1		1	<b>9 1.0</b>
Nephropathy	1	1	1	1	1	1	1	1	1	1	<b>10 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
10 mg/kg	ANIMAL ID	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
		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	2	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10	
Hepatodiaphragmatic Nodule							X					1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Exfoliated Germ Cell			1			2				1		3 1.3
Testes	+	+	+	+	+	+	+	+	+	+	10	
Elongated Spermatid, Retention		1	1							1		3 1.0
Germinal Epithelium, Degeneration			1	1		4			4	1		5 2.2

HEMATOPOIETIC SYSTEM

NONE

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Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
10 mg/kg	ANIMAL ID	9	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	2	
		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	
											<b>* TOTALS</b>	

INTEGUMENTARY SYSTEM

Skin + 1

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active	1	1	1	1	1	1	1	1	1	1	10 1.0
Alveolar Epithelium, Hyperplasia	1										1 1.0
Alveolus, Infiltration Cellular, Histiocyte		1	1	1	1	1			1		6 1.0

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization	1	1		1		1		1	1	1	7 1.0
Nephropathy	1	1	1	1	1	1	1	1	1	1	10 1.0

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Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
30 mg/kg	ANIMAL ID	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
		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	3	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10	
Hepatodiaphragmatic Nodule			X									1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Exfoliated Germ Cell								1				1 1.0
Testes	+	+	+	+	+	+	+	+	+	+	10	
Germinal Epithelium, Degeneration		1		1				2				3 1.3

HEMATOPOIETIC SYSTEM

NONE

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Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	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
30 mg/kg		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		1	2	3	4	5	6	7	8	9	0								
<b>* TOTALS</b>																			

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic Active	1	2	1	1	2	1	1	1	1	1	1	<b>10 1.2</b>
Metaplasia, Osseous				1								<b>1 1.0</b>
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1	1	1	1	1				<b>8 1.0</b>

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization	1	1	1	1	1			1		1		<b>7 1.0</b>
Nephropathy	1	1	1		1	1	1	1	1	1		<b>9 1.0</b>

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FISCHER 344 RATS MALE 100 mg/kg	DAY ON TEST										* TOTALS
	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
ANIMAL ID	0 0 3 1	0 0 3 2	0 0 3 3	0 0 3 4	0 0 3 5	0 0 3 6	0 0 3 7	0 0 3 8	0 0 3 9	0 0 4 0	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatodiaphragmatic Nodule	X					X			X		3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Exfoliated Germ Cell				1	1						2 1.0
Testes	+	+	+	+	+	+	+	+	+	+	10
Elongated Spermatid, Retention				1							1 1.0
Germinal Epithelium, Degeneration	2		1	1	2		1		1		6 1.3

HEMATOPOIETIC SYSTEM

NONE

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Lab: BAT

<b>FISCHER 344 RATS MALE</b>	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
		9	9	9	9	9	9	9	9	9	9	9	9	9	9
		2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>100 mg/kg</b>	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
		3	3	3	3	3	3	3	3	3	3	3	4	0	0
	1	2	3	4	5	6	7	8	9	0					
														<b>* TOTALS</b>	

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Inflammation, Chronic Active	1	1	1	1	1	1	1	1	1	1	1		<b>10</b>	<b>1.0</b>
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1	1	1		1	1	1			<b>9</b>	<b>1.0</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Mineralization	1	1	1	1	1	1		1	1	1			<b>9</b>	<b>1.0</b>
Nephropathy	1	1	1	1	1	1	1	1	1	1			<b>10</b>	<b>1.0</b>

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

<b>FISCHER 344 RATS MALE</b>  <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	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	<b>10</b>	
Fatty Change	1	2	1	2	2	2	2	1	1		<b>10 1.6</b>
Centrilobular, Hepatocyte, Hypertrophy	2	2	2	2	2	2	2	2	2		<b>10 2.0</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	<b>10</b>	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	<b>10</b>	

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	<b>10</b>	
Exfoliated Germ Cell	1		3		3				2		<b>4 2.3</b>
Testes	+	+	+	+	+	+	+	+	+	<b>10</b>	
Elongated Spermatid, Retention			1		1	1		1	1		<b>6 1.0</b>
Germinal Epithelium, Degeneration	2	1	3	1	2	1		1	2		<b>8 1.6</b>

\* .. 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: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

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First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

<b>FISCHER 344 RATS MALE</b>	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	
		2	2	2	2	2	2	2	2	2	
<b>300 mg/kg</b>	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	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0

\* TOTALS

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Chronic Active	2	1	1	1	1	1	1	1	1			9 1.1
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1	1	1	1	1	1	1		10 1.0

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Mineralization	1	1	1	1	1	1	1	1	1	1		10 1.0
Nephropathy	1	1	1	1	1	1	1	1	1	1		10 1.0

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

+ .. Tissue examined microscopically

X .. Lesion present

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Route: GAVAGE

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

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First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
	<b>300 mg/kg</b>										
	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	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											
Renal Tubule, Accumulation, Hyaline Droplet		1	1	1	1	1	1	1	1	1	<b>10 1.0</b>

\* .. 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: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0
<b>600 mg/kg</b>	9	9	9	9	9	9	9	9	9	9
<b>ANIMAL ID</b>	2	2	2	2	2	2	2	2	2	2
	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>										

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Inflammation, Chronic								1				<b>1 1.0</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Parasite Metazoan	X											<b>1</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Fatty Change	1	1	2	2	2	1	1	2	2	1		<b>10 1.5</b>
Hepatodiaphragmatic Nodule					X							<b>1</b>
Mixed Cell Focus								X				<b>1</b>
Centrilobular, Hepatocyte, Hypertrophy	3	3	3	3	3	3	3	3	3	3		<b>10 3.0</b>
Hepatocyte, Necrosis		1	1	1	1	1	1	1	1			<b>8 1.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Submandibular Gland, Depletion Secretory		1	1		1	1		2	2	1		<b>7 1.3</b>

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

+ .. Tissue examined microscopically

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID
	9	9	9	9	9	9	9	9	9	9	
<b>FISCHER 344 RATS MALE</b>	2	2	2	2	2	2	2	2	2	2	
<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	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>											

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular Epithelium, Atrophy	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Epithelium, Hyperplasia	1	2	2	1	2	2	2	2	1	2	<b>10 1.7</b>
	2	2	2	2	2	1	1	2	2	2	<b>10 1.8</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cardiomyopathy		1	1	1	1						<b>4 1.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL 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: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

FISCHER 344 RATS MALE 600 mg/kg	DAY ON TEST										ANIMAL ID			
	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2				
	0	0	0	0	0	0	0	0	0	0	0 0 5 1			
	2	3	1	2	1	1	1	1	1	2				
<b>* TOTALS</b>														
Epididymis	+	+	+	+	+	+	+	+	+	+			10	
Exfoliated Germ Cell	2	3	1	2	1	1	1	1	1	2				10 1.5
Preputial Gland	+	+	+	+	+	+	+	+	+	+			10	
Prostate	+	+	+	+	+	+	+	+	+	+			10	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+			10	
Testes	+	+	+	+	+	+	+	+	+	+			10	
Elongated Spermatid, Retention	1	2	2	1	2	1	2	1	1	1				10 1.4
Germinal Epithelium, Degeneration	3	3	2	2	2	1	3	2	3	2				10 2.3
<b>HEMATOPOIETIC SYSTEM</b>														
Bone Marrow	+	+	+	+	+	+	+	+	+	+			10	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+			10	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+			10	
Spleen	+	+	+	+	+	+	+	+	+	+			10	
Thymus	+	+	+	+	+	+	+	+	+	+			10	
<b>INTEGUMENTARY SYSTEM</b>														
Mammary Gland	+	+	+	+	+	+	+	+	+	+			10	
Skin	+	+	+	+	+	+	+	+	+	+			10	

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Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0
<b>600 mg/kg</b>	9	9	9	9	9	9	9	9	9	9
<b>ANIMAL ID</b>	2	2	2	2	2	2	2	2	2	2
	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>										

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	<b>10</b>
------	---	---	---	---	---	---	---	---	---	---	-----------

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------	---	---	---	---	---	---	---	---	---	---	-----------

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Inflammation, Chronic Active	2	1	2	1		2	1	1	2	1		<b>9</b>	<b>1.4</b>
Metaplasia, Osseous				1								<b>1</b>	<b>1.0</b>
Alveolus, Infiltration Cellular, Histiocyte	2	2			1	1	2	2	2	2		<b>8</b>	<b>1.8</b>
Pleura, Inflammation, Chronic					2							<b>1</b>	<b>2.0</b>

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Inflammation, Chronic Active							1					<b>1</b>	<b>1.0</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet							1			1		<b>2</b>	<b>1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet	1									1		<b>2</b>	<b>1.0</b>

Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Inflammation, Chronic					1							<b>1</b>	<b>1.0</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-----	---	---	---	---	---	---	---	---	---	---	-----------

Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-----------------	---	---	---	---	---	---	---	---	---	---	-----------

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Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

<b>FISCHER 344 RATS MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	2	
<b>600 mg/kg</b>	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	6	6	
	1	2	3	4	5	6	7	8	9	0		
<b>* TOTALS</b>												

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization	1	1	1	2	1	1	1	1	1	1	<b>10 1.1</b>
Nephropathy	2	1	2	2	2	2	2	2	1	2	<b>10 1.8</b>
Renal Tubule, Accumulation, Hyaline Droplet	1	2	2	2	2	2	2	2	2	2	<b>10 1.9</b>
Renal Tubule, Dilatation	1										<b>1 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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

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

+ .. Tissue examined microscopically

X .. Lesion present

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M .. Missing tissue

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Species/Strain: RATS/F 344/N

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Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0
<b>0 mg/kg</b>	9	9	9	9	9	9	9	9	9	9
<b>ANIMAL ID</b>	2	2	2	2	2	2	2	2	2	2
	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	7	7
	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule						X					
Inflammation, Granulomatous					2	2	2	2	2	2	<b>1</b> <b>6 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------------	---	---	---	---	---	---	---	---	---	---	-----------

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	2	2	2	2	2	2	2	2	2	2	
0 mg/kg											
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	7	
	1	2	3	4	5	6	7	8	9	0	
	<b>* TOTALS</b>										
Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy	1		1		1	1			1	1	6 1.0
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
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
Inflammation, Granulomatous						1				1	2 1.0

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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2) Mild 4) Marked

Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

FISCHER 344 RATS FEMALE 0 mg/kg	DAY ON TEST										* TOTALS
	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	
ANIMAL ID	0 0 6 1	0 0 6 2	0 0 6 3	0 0 6 4	0 0 6 5	0 0 6 6	0 0 6 7	0 0 6 8	0 0 6 9	0 0 7 0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active		1			1						2 1.0
Mineralization				1							1 1.0
Alveolus, Infiltration Cellular, Histiocyte		1			1						2 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Inflammation		2									1 2.0

\* .. 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: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	0	
0 mg/kg	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											
Inflammation, Chronic						1					<b>1 1.0</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet	1	1		2		1		1		1	<b>6 1.2</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet				2		1		1			<b>3 1.3</b>
Trachea Inflammation	+	+	+	+	+	+	+	+	+	+	<b>10 1 2.0</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	<b>10 1 1.0</b>
<b>URINARY SYSTEM</b>											
Kidney Mineralization	+	+	+	+	+	+	+	+	+	+	<b>10 8 1.0</b>
Nephropathy	1	1	1	1		1		1	1	1	<b>3 1.0</b>
Renal Tubule, Dilatation					1				1	1	<b>1 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

<b>FISCHER 344 RATS FEMALE</b>  <b>10 mg/kg</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		7	7	7	7	7	7	7	7	8	
		1	2	3	4	5	6	7	8	9	0
											<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule			X					X	X		<b>3</b>
Inflammation, Granulomatous	1	1	1	2	2		1				<b>6 1.3</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary											<b>1</b>
Cyst											<b>1 1.0</b>

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically M .. Missing tissue  
X .. Lesion present A .. Autolysis precludes evaluation  
I .. Insufficient tissue BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked



Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	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
10 mg/kg		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		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
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
		1	2	3	4	5	6	7	8	9	0								
<b>* TOTALS</b>																			

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+									<b>10</b>			
Inflammation, Chronic Active	1		1	1	1	3		1														<b>6</b>	<b>1.3</b>
Alveolus, Infiltration Cellular, Histiocyte	1	1		1	1	2																<b>5</b>	<b>1.2</b>

SPECIAL SENSES SYSTEM

Eye	+																					<b>1</b>		
Hemorrhage	3																						<b>1</b>	<b>3.0</b>

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: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	FISCHER 344 RATS FEMALE
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	30 mg/kg
	2	2	2	2	2	2	2	2	2	2	
	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	
	8	8	8	8	8	8	8	8	8	9	
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatodiaphragmatic Nodule								X			1
Inflammation, Granulomatous		1	1	2	1		2	2	2	1	8 1.5
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary				+						+	2
Cyst				1						1	2 1.0

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically M .. Missing tissue  
X .. Lesion present A .. Autolysis precludes evaluation  
I .. Insufficient tissue BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST	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	9	9	9
30 mg/kg	ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		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
		8	8	8	8	8	8	8	8	8	8	8	8	9	9
		1	2	3	4	5	6	7	8	9	0				
<b>* TOTALS</b>															

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Foreign Body										X					1
Inflammation, Chronic Active	1				1	1	1	1	1	1	1				7 1.0
Alveolus, Infiltration Cellular, Histiocyte	1			1	1	1	1	1	1	1	1				8 1.0

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  
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Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
100 mg/kg		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule	X					X					<b>2</b>
Inflammation, Granulomatous		1	1	2				1	1		<b>5 1.2</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary											<b>1</b>
Cyst				+							<b>1 1.0</b>

HEMATOPOIETIC 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: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

<b>FISCHER 344 RATS FEMALE</b>	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	
		2	2	2	2	2	2	2	2	2	
<b>100 mg/kg</b>	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	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic Active			1		1	1	2	1	1	1	<b>7 1.1</b>
Alveolus, Infiltration Cellular, Histiocyte			1	1	1	1	2	1	1	1	<b>8 1.1</b>

**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: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST										* TOTALS
	0	0	0	0	0	0	0	0	0	0	
300 mg/kg	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	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	
Fatty Change								1				1 1.0
Hepatodiaphragmatic Nodule								X				1
Inflammation, Granulomatous	2	1	1	1	2	1	2	1	2	1	10	1.4
Centrilobular, Hepatocyte, Hypertrophy	2	2	2	2	2	2	2	2	2	2	10	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Submandibular Gland, Depletion Secretory	2	2	1	1	2	2	1	1	1	2	10	1.5
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	
Epithelium, Atrophy				1		1	1	1		1		5 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary											1	
Cyst								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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>		0	0	0	0	0	0	0	0	0	0	
<b>300 mg/kg</b>		9	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		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	
		<b>* TOTALS</b>										

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic Active	1	2	1	1	2	1	1	2	1	1	<b>10 1.3</b>
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1	1		1	1	1	1	<b>9 1.0</b>

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

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+ .. Tissue examined microscopically

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Experiment Number: 99009 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Myristicin

CAS Number: 607-91-0

Date Report Requested: 11/14/2016

Time Report Requested: 11:35:41

First Dose M/F: 01/20/09 / 01/21/09

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0
<b>600 mg/kg</b>	9	9	0	0	0	9	9	9	9	9
<b>ANIMAL ID</b>	2	2	3	4	4	2	2	2	2	2
	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	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	A	A	+	+	+	+	+	+	<b>8</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Fatty Change	2	2	2	2	2	2	2	2	2	1	<b>10 1.9</b>
Hepatodiaphragmatic Nodule				X							<b>1</b>
Necrosis				2							<b>1 2.0</b>
Centrilobular, Hepatocyte, Hypertrophy	3	3			3	3	3	3	3		<b>7 3.0</b>
Hepatocyte, Necrosis		1			1	2	1	1	1		<b>6 1.2</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Submandibular Gland, Depletion Secretory	3	3				3	3	3	3	3	<b>7 3.0</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Acute					1						<b>1 1.0</b>

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID
	9	9	0	0	0	9	9	9	9	9	
<b>FISCHER 344 RATS FEMALE</b>	2	2	3	4	4	2	2	2	2	2	
<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	
	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>											

Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Epithelium, Atrophy	2	1				2	1	1	3	2	<b>7 1.7</b>
Epithelium, Hyperplasia	2	2				1	1	2	1	1	<b>7 1.4</b>
Epithelium, Necrosis				1	1						<b>2 1.0</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cardiomyopathy	1	1				1				1	<b>4 1.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland	M	+	M	+	+	+	+	+	+	+	<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	0	0	0	9	9	9	9	9
FISCHER 344 RATS FEMALE	2	2	3	4	4	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
600 mg/kg	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

\* TOTALS

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cortex, Depletion Lymphoid				4							1 4.0
Cortex, Necrosis, Lymphoid			1	3	4						3 2.7

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

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	<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0
<b>600 mg/kg</b>	9	9	0	0	0	9	9	9	9	9
<b>ANIMAL ID</b>	2	2	3	4	4	2	2	2	2	2
	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>										

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic Active	1					1	1		1	1	<b>5 1.0</b>
Alveolus, Infiltration Cellular, Histiocyte	1	1		1		1	1		2	2	<b>7 1.3</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet							1	1			<b>2 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet							1	1			<b>2 1.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Anterior Chamber, Exudate						2					<b>1 2.0</b>
Cornea, Inflammation, Acute				1							<b>1 1.0</b>
Posterior Chamber, Exudate						2					<b>1 2.0</b>
Retina, Degeneration						1					<b>1 1.0</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Acinus, Metaplasia	1										<b>1 1.0</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization	1	1	1	1			1	1	1	1	<b>8 1.0</b>
Nephropathy			1					1			<b>2 1.0</b>

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		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	0	0	0	9	9	9	9	
		2	2	3	4	4	2	2	2	2	
	<b>600 mg/kg</b>										
	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	1	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											
Urinary Bladder		+	+	+	+	+	+	+	+	+	<b>10</b>

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

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