

**Experiment Number:** 99031 - 02  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

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

Ginkgo biloba extract  
**CAS Number:** 90045-36-6

**Date Report Requested:** 09/12/2016  
**Time Report Requested:** 13:11:35  
**First Dose M/F:** 02/12/04 / 02/11/04  
**Lab:** BAT

**NTP Study Number:** C99031  
**Lock Date:** 10/07/2004  
**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:** NONE

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First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE MALE</b> <b>0 MG/KG</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		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	
		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	
											<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	<b>10</b>	
Gallbladder	+	+	+	+	+	+	+	+	+	<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>	
Inflammation	1	1	1	1		1	1	1	1		<b>8 1.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	<b>10</b>	
Salivary Glands	+	+	+	+	+	+	+	+	+	<b>10</b>	
Infiltration Cellular, Lymphocyte									1		<b>1 1.0</b>
Duct, Mineralization									1		<b>1 1.0</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	<b>10</b>	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	<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

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2) Mild 4) Marked

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Lab: BAT

<b>B6C3F1 MICE MALE</b>  <b>0 MG/KG</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		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	
		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	0	0	0	0	0	0	0	0	

\* TOTALS

**CARDIOVASCULAR SYSTEM**

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

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Accessory Adrenal Cortical Nodule	X						X		X	X	4
Subcapsular, Hyperplasia	1		1	1			1		1	1	6 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	+	+	M	+	+	+	+	M	7
Pituitary Gland	+	+	+	+	+	+	+	M	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10

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Lab: BAT

B6C3F1 MICE MALE 0 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
		0	0	0	0	0	0	0	0	0	0			
		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			
		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>	

Prostate	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Infiltration Cellular, Lymphocyte										1			<b>1 1.0</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Germinal Epithelium, Degeneration, Diffuse										3			<b>1 3.0</b>

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Lymph Node, Mesenteric	+	M	+	+	+	+	+	+	+	+			<b>9</b>
Spleen	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+			<b>10</b>

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	+	M	+	+	M	M	+	M			<b>4</b>
Skin	+	+	+	+	+	+	+	+	+	+			<b>10</b>

MUSCULOSKELETAL SYSTEM

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

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Lab: BAT

B6C3F1 MICE MALE 0 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	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	
		0	0	0	0	0	0	0	0	0	
		0	0	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>									
Brain		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>RESPIRATORY SYSTEM</b>											
Lung		+	+	+	+	+	+	+	+	+	<b>10</b>
Nose		+	+	+	+	+	+	+	+	+	<b>10</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet									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>
Optic Nerve, Infiltration Cellular, Lymphocyte				1							<b>1 1.0</b>
Harderian Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>URINARY SYSTEM</b>											
Kidney		+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation				1	1						<b>2 1.0</b>
Mineralization					1						<b>1 1.0</b>
Nephropathy		1			1		1				<b>3 1.0</b>
Cortex, Vacuolization Cytoplasmic		2	2	2	2	3	3	3	3	2	<b>10 2.5</b>
Urinary Bladder		+	+	+	+	+	+	+	+	+	<b>10</b>

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Ginkgo biloba extract

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Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	0	0	0	0	0	0	0	0	0	0
<b>125 MG/KG</b>	ANIMAL ID	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	2	0
		1	2	3	4	5	6	7	8	9	0									
<b>* TOTALS</b>																				

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Inflammation		1	1	1					1				1						1	1	6 1.0

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

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First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE MALE</b>  <b>125 MG/KG</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	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	9	9	9	9
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	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	2	2	2
		1	2	3	4	5	6	7	8	9	9	9	9	9	9	9	9	9	9

\* TOTALS

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Olfactory Epithelium, Accumulation, Hyaline Droplet	1																			1	1.0
Respiratory Epithelium, Accumulation, Hyaline Droplet	1				1				1											3	1.0

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Cortex, Vacuolization Cytoplasmic	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3		10	2.9

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Lab: BAT

<b>B6C3F1 MICE MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
<b>250 MG/KG</b>		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	
		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	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation	1	1	1		1	1	1	1	1	1	<b>9 1.0</b>
Necrosis, Focal				1							<b>1 1.0</b>
Hepatocyte, Hypertrophy	2	2	2	1	1	1	1	1	1	2	<b>10 1.4</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

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<b>B6C3F1 MICE 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	9	9	9	9	9	9	9	9	9
<b>250 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
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
		1	2	3	4	5	6	7	8	9	0								
<b>* TOTALS</b>																			

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Olfactory Epithelium, Accumulation, Hyaline Droplet	2		1					1			1		<b>4</b>	<b>1.3</b>
Olfactory Epithelium, Atrophy	3												<b>1</b>	<b>3.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet	1		1	1				1					<b>4</b>	<b>1.0</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Nephropathy	1		1	1				1			1		<b>5</b>	<b>1.0</b>
Cortex, Vacuolization Cytoplasmic	3	3	3	2	3	3	3	3	3	3	3		<b>10</b>	<b>2.9</b>

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<b>B6C3F1 MICE MALE</b>	DAY ON TEST	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	9	9	9	9	9
<b>500 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
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		1	2	3	4	5	6	7	8	9	0									
<b>* TOTALS</b>																				

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Inflammation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10 1.0
Hepatocyte, Hypertrophy	2	2	2	2	2	1	1	1	1	2	2									10 1.7

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

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First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

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

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Olfactory Epithelium, Accumulation, Hyaline Droplet	1	1	1	1	1	1	1		1	1		<b>9 1.0</b>
Olfactory Epithelium, Atrophy	2	1										<b>2 1.5</b>
Olfactory Epithelium, Pigmentation	1	1		1	1	1			1	1		<b>7 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet	1	2	1	2	2	1	1		1	1		<b>9 1.3</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Mineralization									1			<b>1 1.0</b>
Nephropathy			1	1	1					1		<b>4 1.0</b>
Cortex, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2		<b>10 2.0</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: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	
		3	3	3	3	3	3	3	3	3	
<b>1000 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	4	5
		1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>	

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation		1	1	1	1	1	1	1	1	1	<b>9 1.0</b>
Necrosis, Focal		1		1		1	1	1			<b>5 1.0</b>
Hepatocyte, Hypertrophy		2	3	2	3	2	3	3	3	3	<b>10 2.7</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	
		3	3	3	3	3	3	3	3	3	
<b>1000 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	4	5
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Olfactory Epithelium, Accumulation, Hyaline Droplet	1		1		1	2	2	2	1	1		<b>8</b>	<b>1.4</b>
Olfactory Epithelium, Atrophy				3		2	1	2	1			<b>5</b>	<b>1.8</b>
Olfactory Epithelium, Pigmentation	1		1	1		2	2	2	2			<b>7</b>	<b>1.6</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet						2	2					<b>2</b>	<b>2.0</b>

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>		
Crystals							1					<b>1</b>	<b>1.0</b>
Inflammation				1								<b>1</b>	<b>1.0</b>
Mineralization	1					1				1		<b>3</b>	<b>1.0</b>
Nephropathy	1		1	1		1			1	1		<b>6</b>	<b>1.0</b>
Cortex, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2		<b>10</b>	<b>2.0</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: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE MALE 2000 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0											
	9	9	9	9	9	9	9	9	9	9	9	5	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	1	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>																						

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Focal										2		1	2.0
Gallbladder	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10		
Liver	+	+	+	+	+	+	+	+	+	+	10		
Inflammation	1	1	1	1	1	1	1	1	1	1		10	1.0
Necrosis, Focal	1	1	1	1	1		1	1	1	1		9	1.0
Artery, Inflammation, Chronic							2					1	2.0
Hepatocyte, Hypertrophy	3	3	2	2	3	3	3	3	3	2		10	2.7
Pancreas	+	+	+	+	+	+	+	+	+	+	10		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Lymphocyte				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

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1-4 .. Lesion qualified as:

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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE MALE 2000 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	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	
		0	0	0	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	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>CARDIOVASCULAR SYSTEM</b>											
Blood Vessel		+	+	+	+	+	+	+	+	+	<b>10</b>
Heart		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	<b>10</b>
Subcapsular, Hyperplasia			1			1			1	1	<b>4 1.0</b>
Adrenal Medulla		+	+	+	+	+	+	+	+	+	<b>10</b>
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>GENERAL BODY SYSTEM</b>											
NONE											
<b>GENITAL SYSTEM</b>											

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue  
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1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE MALE 2000 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0		
	ANIMAL ID	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		
		0	0	0	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		
		1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>												
Epididymis		+	+	+	+	+	+	+	+	+	10	
Preputial Gland		+	+	+	+	+	+	+	+	+	10	
Prostate		+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Lymphocyte								1		1	2 1.0	
Inflammation					1						1 1.0	
Seminal Vesicle		+	+	+	+	+	+	+	+	+	10	
Testes		+	+	+	+	+	+	+	+	+	10	
<b>HEMATOPOIETIC SYSTEM</b>												
Bone Marrow		+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	10	
Spleen		+	+	+	+	+	+	+	+	+	10	
Thymus		+	+	+	+	+	+	+	+	+	10	
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland		+	M	M	M	+	I	+	M	+	M	4
Skin		+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>												

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 + .. Tissue examined microscopically  
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 1) Minimal 3) Moderate  
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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

		0	0	0	0	0	0	0	0	0	
DAY ON TEST		0	0	0	0	0	0	0	0	0	
B6C3F1 MICE MALE		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
2000 MG/KG		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	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											
Bone		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>NERVOUS SYSTEM</b>											
Brain		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>RESPIRATORY SYSTEM</b>											
Lung		+	+	+	+	+	+	+	+	+	<b>10</b>
Nose		+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation				2							<b>1 2.0</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet		1				1	1		1	1	<b>5 1.0</b>
Olfactory Epithelium, Atrophy			3						1	1	<b>3 1.7</b>
Olfactory Epithelium, Pigmentation		1	1	1	1	1	1		1		<b>8 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet		1				1	1		1		<b>4 1.0</b>
Trachea		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye		+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>URINARY SYSTEM</b>											
Kidney		+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization					1	1			1		<b>3 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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE MALE 2000 MG/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	
		0	0	0	0	0	0	0	0	0	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	0
		<b>* TOTALS</b>									
Nephropathy		1	1		1	1	1				<b>5 1.0</b>
Cortex, Vacuolization Cytoplasmic		1	1	1	1	1	1	2	1	1	<b>10 1.1</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

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: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST										* TOTALS
	093	093	093	093	093	093	093	093	093	093	
0 MG/KG	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	
ANIMAL ID	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Gallbladder	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum Inflammation	+	+	+	+	+	+	M	+	+	+	9	1 1.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	M	+	+	+	9	
Liver Inflammation	+	+	+	+	+	+	+	+	+	+	10	10 1.1
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

**CARDIOVASCULAR SYSTEM**

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

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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE FEMALE 0 MG/KG	DAY ON TEST										ANIMAL ID	
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3		
	0	0	0	0	0	0	0	0	0	0	0 0 0 6 1	
												<b>* TOTALS</b>

Blood Vessel Aorta, Inflammation, Chronic Active	+	+	+	+	+	+	M	+	+	+		<b>9</b>	<b>1 1.0</b>
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Heart	+	+	+	+	+	+	M	+	+	+		<b>9</b>	
-------	---	---	---	---	---	---	---	---	---	---	--	----------	--

**ENDOCRINE SYSTEM**

Adrenal Cortex Accessory Adrenal Cortical Nodule Hyperplasia	+	+	+	+	+	+	M	+	+	+		<b>9</b>	<b>1 1.0</b>
Subcapsular, Hyperplasia	2	1	2	1	1	1		1	1				<b>1 1.0</b>
													<b>8 1.3</b>

Adrenal Medulla	+	+	+	+	+	+	M	+	+	+		<b>9</b>	
-----------------	---	---	---	---	---	---	---	---	---	---	--	----------	--

Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
--------------------	---	---	---	---	---	---	---	---	---	---	--	-----------	--

Parathyroid Gland	+	+	+	+	+	+	M	+	+	+		<b>9</b>	
-------------------	---	---	---	---	---	---	---	---	---	---	--	----------	--

Pituitary Gland	+	+	+	+	+	+	M	+	+	+		<b>9</b>	
-----------------	---	---	---	---	---	---	---	---	---	---	--	----------	--

Thyroid Gland	+	+	+	+	+	+	M	+	+	+		<b>9</b>	
---------------	---	---	---	---	---	---	---	---	---	---	--	----------	--

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	M	+	+	+		<b>9</b>	
----------------	---	---	---	---	---	---	---	---	---	---	--	----------	--

Ovary	+	+	+	+	+	+	+	+	+	+		<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: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE FEMALE 0 MG/KG	DAY ON TEST										* TOTALS		
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3			
	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			
Uterus	+	+	+	+	+	+	+	+	+	+	10		
<b>HEMATOPOIETIC SYSTEM</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Thymus	+	+	+	+	+	+	M	+	+	+	9		
<b>INTEGUMENTARY SYSTEM</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	10	1	1.0
<b>MUSCULOSKELETAL SYSTEM</b>													
Bone	+	+	+	+	+	+	+	+	+	+	10		
<b>NERVOUS SYSTEM</b>													
Brain	+	+	+	+	+	+	+	+	+	+	10		
<b>RESPIRATORY SYSTEM</b>													

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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Experiment Number: 99031 - 02

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE FEMALE 0 MG/KG	DAY ON TEST										ANIMAL ID				
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3					
	0	0	0	0	0	0	0	0	0	0	0 0 0 6 1				
	+	+	+	+	+	+	+	+	+	+					<b>* TOTALS</b>
Lung	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Nose	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet			1												<b>1 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet			1		1										<b>2 1.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+					<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>															
Eye	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Harderian Gland	+	+	+	+	+	+	M	+	+	+					<b>9</b>
<b>URINARY SYSTEM</b>															
Kidney	+	+	+	+	+	+	+	+	+	+					<b>10</b>
Inflammation						1									<b>1 1.0</b>
Mineralization					1			1		1					<b>3 1.0</b>
Nephropathy			1					1							<b>2 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+					<b>10</b>

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+ .. Tissue examined microscopically

X .. Lesion present

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Experiment Number: 99031 - 02

Test Type: 90-DAY

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	
		3	3	3	3	3	3	3	3	3	
<b>125 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	
		7	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>
Inflammation	2	1	1	1	1	1	1	1	1	1	<b>10 1.1</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically 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  
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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	
		3	3	3	3	3	3	3	3	3	
<b>125 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	
		7	7	7	7	7	7	7	7	7	8
		1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>	

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet	1	1		1	1	1			1	1	<b>7 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet	1	1		1						1	<b>4 1.0</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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

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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE FEMALE</b> <b>250 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	
		3	3	3	3	3	3	3	3	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation		1	1	1	1	1	1	1	1	1	<b>9 1.0</b>
Hepatocyte, Hypertrophy				1		1		1		1	<b>4 1.0</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically M .. Missing tissue  
X .. Lesion present A .. Autolysis precludes evaluation  
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1-4 .. Lesion qualified as:  
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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE FEMALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	3	3	3	3	3	3	3	3	3
<b>250 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	
		8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet			1						1	1	<b>3 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet			1		1				1	1	<b>4 1.0</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue  
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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	
		3	3	3	3	3	3	3	3	3	
<b>500 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	1
		9	9	9	9	9	9	9	9	9	0
		1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>	

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation	1	1	1	1	1	1	1	1	1	1	<b>10 1.0</b>
Hepatocyte, Hypertrophy	1	1	1	2	1	2	1	1	1	1	<b>10 1.2</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

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

+ .. Tissue examined microscopically

X .. Lesion present

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M .. Missing tissue

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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	
		3	3	3	3	3	3	3	3	3	
<b>500 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	1
		9	9	9	9	9	9	9	9	9	0
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet	2	2	1				1	1	1		<b>6 1.3</b>
Olfactory Epithelium, Pigmentation	1		1					1			<b>3 1.0</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet	2	1	2		1	1	2				<b>6 1.5</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE 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	7	9	9
		3	3	3	3	3	3	3	4	3	3
<b>1000 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
		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											+	1		
Gallbladder											+	1		
Intestine Large, Cecum											+	1		
Intestine Large, Colon											+	1		
Intestine Large, Rectum											+	1		
Intestine Small, Duodenum											+	1		
Intestine Small, Ileum											+	1		
Intestine Small, Jejunum											+	1		
Liver											+	+	+	10
Inflammation	1	1	1	1	1	1	1		1	1				9 1.0
Hepatocyte, Hypertrophy	1	1	2	2	2	2	1		1	2				9 1.6
Pancreas											+	1		
Salivary Glands											+	1		
Stomach, Forestomach											+	1		
Stomach, Glandular											+	1		

**CARDIOVASCULAR SYSTEM**

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
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1-4 .. Lesion qualified as:  
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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE FEMALE 1000 MG/KG	DAY ON TEST										ANIMAL ID	
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3		0 9 3
	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	1	1	
	0	0	0	0	0	0	0	0	0	1	0	
	1	2	3	4	5	6	7	8	9	0		
											<b>* TOTALS</b>	

Blood Vessel	+	1
Adventitia, Aorta, Inflammation, Acute	1	1 1.0

Heart	+	1
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**ENDOCRINE SYSTEM**

Adrenal Cortex	+	1
Subcapsular, Hyperplasia	1	1 1.0

Adrenal Medulla	+	1
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Islets, Pancreatic	+	1
--------------------	---	---

Parathyroid Gland	+	1
-------------------	---	---

Pituitary Gland	+	1
-----------------	---	---

Thyroid Gland	+	1
---------------	---	---

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	1
----------------	---	---

Ovary	+	1
-------	---	---

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

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**Experiment Number:** 99031 - 02  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
Ginkgo biloba extract  
**CAS Number:** 90045-36-6

**Date Report Requested:** 09/12/2016  
**Time Report Requested:** 13:11:35  
**First Dose M/F:** 02/12/04 / 02/11/04  
**Lab:** BAT

		0	0	0	0	0	0	0	0	0	
<b>B6C3F1 MICE FEMALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	7	9	
<b>1000 MG/KG</b>		3	3	3	3	3	3	4	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	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	1	
Lymph Node, Mandibular	+		1
Lymph Node, Mesenteric	+		1
Spleen	+	1	
Lymphoid Follicle, Atrophy, Diffuse	2		1 2.0
Thymus	+	1	
Necrosis, Diffuse	3		1 3.0

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	1	
Skin	+		1

**MUSCULOSKELETAL SYSTEM**

Bone	+	1	
------	---	---	--

**NERVOUS SYSTEM**

Brain	+	1	
-------	---	---	--

**RESPIRATORY SYSTEM**

Lung	+	1	
------	---	---	--

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+ .. Tissue examined microscopically M .. Missing tissue  
X .. Lesion present A .. Autolysis precludes evaluation  
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1-4 .. Lesion qualified as:  
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Experiment Number: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

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First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

B6C3F1 MICE FEMALE 1000 MG/KG	DAY ON TEST										* TOTALS
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 7 4	0 9 3	
	ANIMAL ID										
	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 0 0	
Interstitialium, Inflammation, Acute	2										1 2.0
Nose	+ + + + + + + + + +										10
Inflammation	3										1 3.0
Olfactory Epithelium, Accumulation, Hyaline Droplet	2	1	2	2	1		1	1		1	8 1.4
Olfactory Epithelium, Atrophy		1	1		2			1		1	5 1.2
Olfactory Epithelium, Pigmentation	1		2	2	1		2	1		1	7 1.4
Respiratory Epithelium, Accumulation, Hyaline Droplet	2	2	2	3	1		2	1	1	1	9 1.7
Trachea											1
Inflammation, Acute	2										1 2.0
<b>SPECIAL SENSES SYSTEM</b>											
Eye											1
Harderian Gland											1
<b>URINARY SYSTEM</b>											
Kidney											1
Urinary Bladder											1

\* .. 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: 99031 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 09/12/2016

Time Report Requested: 13:11:35

First Dose M/F: 02/12/04 / 02/11/04

Lab: BAT

<b>B6C3F1 MICE FEMALE</b>	<b>2000 MG/KG</b>	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	0
			9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
			3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0
			1	2	3	4	5	6	7	8	9	0									

\* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+										10		
Muscularis, Inflammation											1											1 1.0
Gallbladder	+	+	+	+	+	+	+	+	+	+											10	
Mucosa, Cyst																						1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+											10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+											10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+											10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+											10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+											10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+											10	
Liver	+	+	+	+	+	+	+	+	+	+											10	
Inflammation	1	1	1	1	1	1	1	1	1	1												9 1.0
Necrosis, Focal	1																					1 1.0
Hepatocyte, Hypertrophy	1	2	1	2	2	2	2	2	2	3	2											10 1.9
Pancreas	+	+	+	+	+	+	+	+	+	+											10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+											10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+											10	

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B6C3F1 MICE FEMALE 2000 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
		0	0	0	0	0	0	0	0	0	0			
		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			
		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>
--------------------	---	---	---	---	---	---	---	---	---	---	---	--	-----------

**CARDIOVASCULAR SYSTEM**

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

Heart	+	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Vacuolization Cytoplasmic									1				<b>1 1.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Accessory Adrenal Cortical Nodule									1				<b>1 1.0</b>
Hyperplasia	1									1			<b>2 1.0</b>
Subcapsular, Hyperplasia		2	1	2	1	1	1	1			1		<b>8 1.3</b>

Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+		<b>10</b>
-----------------	---	---	---	---	---	---	---	---	---	---	---	--	-----------

Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+		<b>10</b>
--------------------	---	---	---	---	---	---	---	---	---	---	---	--	-----------

Parathyroid Gland	+	+	+	+	+	+	+	M	+	+			<b>9</b>
-------------------	---	---	---	---	---	---	---	---	---	---	--	--	----------

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

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Infiltration Cellular, Mononuclear Cell									1				<b>1 1.0</b>

**GENERAL BODY SYSTEM**

NONE

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<b>B6C3F1 MICE 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	
		3	3	3	3	3	3	3	3	3	
<b>2000 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	2
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	M	I	<b>8</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>
------	---	---	---	---	---	---	---	---	---	---	-----------

**NERVOUS SYSTEM**

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	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	
	ANIMAL ID										
	0 1 1 1 1	0 1 1 1 2	0 1 1 1 3	0 1 1 1 4	0 1 1 1 5	0 1 1 1 6	0 1 1 1 7	0 1 1 1 8	0 1 1 1 9	0 1 1 1 0	
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Perivascular, Inflammation			1								1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Accumulation, Hyaline Droplet			1	1	1				1	1	5 1.0
Olfactory Epithelium, Atrophy								2			1 2.0
Olfactory Epithelium, Pigmentation			1	1	1			1	1	2	6 1.2
Respiratory Epithelium, Accumulation, Hyaline Droplet			1	1	1	1	1	1	2	1	8 1.1
Trachea	+	+	+	+	+	+	+	+	+	+	10
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
<b>URINARY SYSTEM</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization		1	1						1		3 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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

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