

**TDMS No.** 93027 - 27  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** HAMSTERS/SYRIAN

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

Peroxisome project (Gemfibrozil)

**CAS Number:** 25812-30-0

**Date Report Requested:** 06/24/2009

**Time Report Requested:** 13:52:09

**First Dose M/F:** 10/21/94 / NA

**Lab:** BAT

F1\_Rev1\_H1

**C Number:** C93027B  
**Lock Date:** 06/12/1996  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Male  
**TDMSE Version:** 2.1.0

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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	1
<b>0 PPM</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Infiltration Cellular, Mixed Cell		3	3	2	4		3			3	<b>6 3.0</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>
Infiltration Cellular, Mixed Cell	2	2	2	3	2	2	2	1		3	<b>9 2.1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic		2	1	3	1		1			1	<b>6 1.5</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<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

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>SYRIAN GOLDEN HAMSTERS</b>		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0	0	1
	<b>0 PPM</b>	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Heart	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	<b>10</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>

**GENERAL BODY SYSTEM**

NONE

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		9	9	9	9	9	9	9	9	9	9
DAY ON TEST		2	2	2	2	2	2	2	2	2	2
<b>SYRIAN GOLDEN HAMSTERS</b>		0	0	0	0	0	0	0	0	0	0
<b>MALE</b>		1	1	1	1	1	1	1	1	1	1
<b>0 PPM</b>		2	2	2	2	2	2	2	2	2	2
ANIMAL ID		0	0	0	0	0	0	0	0	0	1
ANIMAL ID		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Preputial Gland	M	M	M	+	M	M	+	M	M	M	<b>2</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Atrophy	2										<b>1 2.0</b>

**HEMATOPOIETIC SYSTEM**

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

**INTEGUMENTARY SYSTEM**

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Page 4

1-4 .. Lesion qualified as:

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		9	9	9	9	9	9	9	9	9	9
DAY ON TEST		2	2	2	2	2	2	2	2	2	2
<b>SYRIAN GOLDEN HAMSTERS</b>		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2
	<b>MALE</b>	0	0	0	0	0	0	0	0	0	1
	<b>0 PPM</b>	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

Mammary Gland	M	M	+	M	M	M	M	M	+	M	<b>2</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**MUSCULOSKELETAL SYSTEM**

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

Brain	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hemorrhage	2	2		3	2				3		<b>5 2.4</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SPECIAL SENSES SYSTEM**

NONE

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Lab: BAT

	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	1	
<b>0 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization								1			<b>1 1.0</b>
Nephropathy				1		1	1				<b>3 1.0</b>
.....											
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization						2			2		<b>2 2.0</b>

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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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	1	1	1	1	1	1	1	1	1	2	
<b>100 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	M	+	+	+	+	+	+	+	+	+	<b>9</b>	
Depletion Glycogen		1	1				1	1	1			<b>5 1.0</b>
Infiltration Cellular, Mixed Cell		2	2	2	1	2	2	3	2	2		<b>9 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Inflammation, Chronic		1	1	1	1			1		1		<b>6 1.0</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Preputial Gland	M	M	+	M	M	M	+	M	M	M	<b>2</b>	
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Atrophy					3							<b>1 3.0</b>

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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>SYRIAN GOLDEN HAMSTERS</b>		0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>		1	1	1	1	1	1	1	1	1	1	
<b>100 PPM</b>		2	2	2	2	2	2	2	2	2	2	
<b>ANIMAL ID</b>		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>
Seminal Vesicle Atrophy		+	+	+	+	+	+	+	+	+	+	<b>10</b>
												<b>1 3.0</b>
Testes Atrophy		+	+	+	+	+	+	+	+	+	+	<b>10</b>
												<b>2 2.5</b>
<b>HEMATOPOIETIC SYSTEM</b>												
NONE												
<b>INTEGUMENTARY SYSTEM</b>												
NONE												
<b>MUSCULOSKELETAL SYSTEM</b>												
NONE												
<b>NERVOUS SYSTEM</b>												
NONE												
<b>RESPIRATORY SYSTEM</b>												
NONE												
<b>SPECIAL SENSES SYSTEM</b>												
NONE												

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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	1	1	1	1	1	1	1	1	1	2	
<b>100 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**URINARY SYSTEM**

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

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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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	2	2	2	2	2	2	2	2	2	3	
<b>1000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Depletion Glycogen	1		1	1	1						<b>4 1.0</b>
Infiltration Cellular, Mixed Cell	2		2	3	2	2	2	2	1	2	<b>9 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic				1		1	1	1	2	1	<b>6 1.2</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Preputial Gland	M	M	M		M	+	+	+	M	M	<b>3</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Atrophy			3	3	2						<b>3 2.7</b>

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	2	
<hr/>												
<b>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	2	
	2	2	2	2	2	2	2	2	2	2	2	
<b>1000 PPM</b>	1	2	3	4	5	6	7	8	9	0		<b>* TOTALS</b>
<hr/>												
Seminal Vesicle Atrophy	+	+	+	+	+	+	+	+	+	+	+	10
			3	3	2							3 2.7
<hr/>												
Testes Atrophy	+	+	+	+	+	+	+	+	+	+	+	10
			3	3	3							3 3.0
<hr/>												
<b>HEMATOPOIETIC SYSTEM</b>												
NONE												
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<b>RESPIRATORY SYSTEM</b>												
NONE												
<hr/>												
<b>SPECIAL SENSES SYSTEM</b>												
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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	2	2	2	2	2	2	2	2	2	3	
<b>1000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+		+	+		+	<b>8</b>
Nephropathy	1		1		1			1			<b>4 1.0</b>

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Page 12

1-4 .. Lesion qualified as:

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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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	3	3	3	3	3	3	3	3	3	4	
<b>6000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Depletion Glycogen	1			1	1	1	1	1	1	1	<b>8 1.0</b>
Infiltration Cellular, Mixed Cell	2	2	2	2	1	3	2	2		2	<b>9 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic		3	2	1		1	1	1		1	<b>7 1.4</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Adrenal Cortex	+										<b>1</b>
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**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Preputial Gland	M		M	M	M	M	M	M	M	M	<b>0</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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>SYRIAN GOLDEN HAMSTERS</b>		0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>		1	1	1	1	1	1	1	1	1	1	
<b>6000 PPM</b>		2	2	2	2	2	2	2	2	2	2	
<b>ANIMAL ID</b>		3	3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>
Atrophy		2			3		3		3	1		<b>5 2.4</b>
Seminal Vesicle Atrophy		+	+	+	+	+	+	+	+	+	+	<b>10</b>
		2			3		3		3	1		<b>5 2.4</b>
Testes Atrophy		+	+	+	+	+	+	+	+	+	+	<b>10</b>
		3			3		3		3	1		<b>5 2.6</b>

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES 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

	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	3	3	3	3	3	3	3	3	3	4	
<b>6000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mineralization		2									<b>1 2.0</b>
Nephropathy	1	1	1			1	1			1	<b>6 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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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	4	4	4	4	4	4	4	4	4	5	
<b>12,000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Depletion Glycogen	1	1	1	1		1	1	1	1	1	<b>9 1.0</b>
Infiltration Cellular, Mixed Cell	2	2	1	2	2	2	2	2	3	2	<b>10 2.0</b>
.....											
Pancreas	+	+	+	+	+		+	+	+	+	<b>9</b>
Inflammation, Chronic	1			1	1		2	1	1	1	<b>7 1.1</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis											<b>1</b>
Degeneration											<b>1 2.0</b>
.....											
Preputial Gland	M	M	M	M	M	M	M	M	+	+	<b>2</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

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	
SYRIAN GOLDEN HAMSTERS MALE		0	0	0	0	0	0	0	0	0	0	
ANIMAL ID		1	1	1	1	1	1	1	1	1	1	
12,000 PPM		2	2	2	2	2	2	2	2	2	2	
		4	4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0	* TOTALS
Prostate Atrophy		+	+	+	+	+	+	+	+	+		9
			3							2		2 2.5
Seminal Vesicle Atrophy		+	+	+	+	+	+	+	+	+		9
			3							3		2 3.0
Testes Atrophy		+	+	+	+	+	+	+	+	+		10
			3		3		2			3		4 2.8

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY 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

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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	4	4	4	4	4	4	4	4	4	5	
<b>12,000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</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>

\* .. 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

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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
<b>24,000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Infiltration Cellular, Mixed Cell		4	3	3	2	3	2	3	2	3	<b>9 2.8</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>
Depletion Glycogen	2	2	3	3	3	3	3	3	3	3	<b>10 2.8</b>
Infiltration Cellular, Mixed Cell	3	2	3	2	3	2	3	2	3	2	<b>10 2.5</b>
Inflammation, Chronic			3								<b>1 3.0</b>
Necrosis					1						<b>1 1.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	2	
<hr/>												
<b>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	2	
<b>24,000 PPM</b>	5	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0		<b>* TOTALS</b>
Inflammation, Chronic	2	2	3	2	3	4	4	4	3	2		<b>10 2.9</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+		<b>10</b>

**CARDIOVASCULAR SYSTEM**

Heart	+	+	+	+	+	+	+	+	+	+		<b>10</b>
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**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Parathyroid Gland	+	+	M	+	+	+	+	+	M	+		<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	M	+	+		<b>9</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>

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+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
<b>24,000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Preputial Gland	+	M	M	M	+	+	+	M	M	M	<b>4</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Atrophy	3	3	3			2				2	<b>5 2.6</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Atrophy	3	3	3			2				3	<b>5 2.8</b>
Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Atrophy	3	3	3			3				3	<b>5 3.0</b>

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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+ .. Tissue examined microscopically

x .. Lesion present

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	2	
<hr/>												
<b>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	5	5	5	5	5	5	5	5	5	5	6	
<b>24,000 PPM</b>	1	2	3	4	5	6	7	8	9	0		<b>* TOTALS</b>
Spleen	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Thymus	+	+	+	+	+	+	+	+	M	+		<b>9</b>
<hr/>												
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland	M	M	+	M	M	M	M	M	M	M		<b>1</b>
Skin	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<hr/>												
<b>MUSCULOSKELETAL SYSTEM</b>												
Bone	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<hr/>												
<b>NERVOUS SYSTEM</b>												
Brain	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<hr/>												
<b>RESPIRATORY SYSTEM</b>												
Lung	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Hemorrhage			2		2			2		2		<b>4 2.0</b>
Nose	+	+	+	+	+	+	+	+	+	+		<b>10</b>

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

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>SYRIAN GOLDEN HAMSTERS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
<b>24,000 PPM</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**SPECIAL SENSES SYSTEM**

Harderian Gland											<b>1</b>
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**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Mineralization	1		2		2	1	2	2	1	1		<b>8 1.5</b>
Nephropathy	2	1	3	2	2	3	2	3	2	2		<b>10 2.2</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Mineralization						2			3	3		<b>3 2.7</b>

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

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

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
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 1) Minimal 3) Moderate  
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