

TDMS No. 93027 - 47
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Peroxisome project (2,4-Dichlorophenoxyacetic acid)
CAS Number: 94-75-7

Date Report Requested: 06/24/2009
Time Report Requested: 13:53:21
First Dose M/F: 03/06/95 / NA
Lab: BAT

F1_Rev1_H1

C Number: C93027C
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	0
9		9	9	9	9	9	9	9	9	9	9
2		2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS		0	0	0	0	0	0	0	0	0	0
MALE		2	2	2	2	2	2	2	2	2	2
0 PPM		6	6	6	6	6	6	6	6	6	6
ANIMAL ID		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2		2	2	2	2		3	1	8 2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2	2	2	2	2	2	2	2	1	10 1.9
Vacuolization Cytoplasmic, Focal	1										1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	1	2		2	3		1	1		3	7 1.9

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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		2	2	2	2	2	2	2	2	2	2	
0 PPM		6	6	6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	* TOTALS
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Mineralization		+	+	+	+	+	+	+	+	+	+	10
		1	1			1		1			1	5 1.0
CARDIOVASCULAR SYSTEM												
Heart		+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy							1					1 1.0
ENDOCRINE SYSTEM												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	I	M	M	M	+	M	+	+	+	5
Pituitary Gland		+	M	M	M	+	M	+	+	+	+	6
Thyroid Gland		+	+	+	M	M	+	+	+	+	+	8

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	0	0	0	0	0	0	0	0	0	1	
0 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+		+		+	+	+	7		
Preputial Gland	M	+	M	+	+	+	+	M	M	M	5	
Prostate	+	+	+	+	+	+	+	+	+	+	10	
Atrophy				2		3				2	3 2.3	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Atrophy				3		3				3	3 3.0	
Testes	+	+	+	+	+	+	+	+	+	+	10	
Atrophy				3		3				3	3 3.0	

HEMATOPOIETIC SYSTEM

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

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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		2	2	2	2	2	2	2	2	2	2
0 PPM		6	6	6	6	6	6	6	6	6	6
		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

Thymus	+	+	+	+	+	+	+	+	+	+	+	10
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INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	+	10

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	10
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NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	10
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RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage	2							2				2 2.0
Inflammation, Chronic			1									1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	10

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	0	0	0	0	0	0	0	0	0	1	
0 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

Trachea	+	+	+	+	+	+	+	+	+	+	10
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SPECIAL SENSES SYSTEM
NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization	2	1						1		1	4 1.3
Nephropathy	2	1			1						3 1.3
.....											
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
Mineralization	3		1	1	3	3					5 2.2

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Page 6

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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	1	1	1	1	1	1	1	1	1	2	
12 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Mixed Cell	1	1	2	1	1	1	1	2	1	1		10 1.2
Necrosis, Focal								2				1 2.0
.....												
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Chronic	1	1		2	1	1	2	1	2	2		9 1.4

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland	M	M	+	M	M	M	+	M	M	M	2	
Inflammation			1									1 1.0
.....												
Testes	+	+	+	+	+	+	+	+	+	+	10	
Atrophy			3						3			2 3.0

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	1	1	1	1	1	1	1	1	1	2	
12 PPM	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

NONE

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			6 1.0

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TDMS No. 93027 - 47

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Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	1	1	1	1	1	1	1	1	1	2	
12 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

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

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2	2	2	1		1	2	2	1	9 1.7
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	2	1	2	1	1		1	1	1	1	9 1.2

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland	M	+	M	+	M	M	M	M	M	M	2
Testes		+	+	+	+	+	+	+	+	+	9
Atrophy						4		3			2 3.5

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	2	2	2	2	2	2	2	2	2	3	
100 PPM	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

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+		+	+	+	+	+	+	9
Mineralization	1	1	1		1		1	1			6 1.0
Nephropathy	1	1	1		1		1				5 1.0

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	3	3	3	3	3	3	3	3	3	4	
500 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	1	1		1	1		1	2	1	8 1.3
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	2	2	4		1	1			1	1	7 1.7

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Pituitary Gland										+	1
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GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland	M	+	M	M	M	+	M	M	M	M	2
Testes	+	+	+	+	+	+	+	+	+	+	10
Atrophy	3	3	3		3	1					5 2.6

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	3	3	3	3	3	3	3	3	3	4	
500 PPM	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

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization		1	2		1	1	1	1		1	7 1.1
Nephropathy		1			1	1	1	1	1	1	7 1.0

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	3	3	3	3	3	3	3	3	3	4	
500 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

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

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	9	
Infiltration Cellular, Mixed Cell	1		2	2	1	1	1	2	1	2	9 1.4
Pancreas	+	+	+	+	+	+	+	+	+	10	
Inflammation, Chronic	1		1	1	1	1		1		2	7 1.1

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis		+				+				2	
Atrophy		2				3				2 2.5	
Preputial Gland	M	+	+	M	+	+	M	M	M	4	

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

Testes	+	+	+	+	+	+	+	+	+	+	10
Atrophy		3		1			4				3 2.7

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

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	
.....												
SYRIAN GOLDEN HAMSTERS		0	0	0	0	0	0	0	0	0	0	
MALE		2	2	2	2	2	2	2	2	2	2	
1000 PPM		6	6	6	6	6	6	6	6	6	6	
ANIMAL ID		4	4	4	4	4	4	4	4	4	5	
1000 PPM		1	2	3	4	5	6	7	8	9	0	* TOTALS
Mineralization		1	1	2	2	1	1	1	1			8 1.3
Nephropathy		1		2	1							3 1.3

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
5000 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	1	2		1	1	3	2	3		3	8 2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2	1	2	2	2	2	2	1	2	10 1.8
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	2	1		1	1	3	3	2	1	1	9 1.7
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
5000 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Mineralization	+	+	+	+	+	+	+	+	+	+	10
		1	1	1	1		1	1		1	7 1.0

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	M	+	+	M	+	M	+	+	7
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

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Page 19

1-4 .. Lesion qualified as:

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
5000 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	M	M	M	+	M	M	+	M	M	3
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
Atrophy	1										1 1.0

HEMATOPOIETIC SYSTEM

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	9
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

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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	
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
5000 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage							2				1 2.0
Inflammation, Chronic				1							1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

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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	
.....											
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0	
MALE	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	5	5	5	5	5	5	5	5	5	6	
5000 PPM	1	2	3	4	5	6	7	8	9	0	* TOTALS

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Mineralization	1	1	1	2		1		1	1	1		8 1.1
Nephropathy		1	2	3	1	1		1	2	1		8 1.5
.....												
Urinary Bladder	+	+	M	+	+	+	+	+	+	+	9	
Mineralization				2	4	2	4			3		5 3.0

*** END OF MALE DATA ***

*** END OF REPORT ***

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