

TDMS No. 20704 - 99
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Resveratrol
CAS Number: 501-36-0

Date Report Requested: 12/15/2010
Time Report Requested: 09:28:15
First Dose M/F: 11/13/07 / NA
Lab: VCU

F1_M3

C Number: IM20704

Lock Date: 01/29/2009

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include 001 Vehicle Control

Include 002 156 mg/kg

Include 003 312 mg/kg

Include 004 625 mg/kg

Include 005 1250 mg/kg

Include 006 2500 mg/kg

Study Gender: Male

TDMSE Version: 2.3.0

PWG Approval Date: NONE

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 Lab: VCU

B6C3F1 MICE MALE	DAY ON TEST	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		
9	9	9	9	9	9	9	9	9		
Vehicle Control	ANIMAL ID	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
2	2	2	3	3	3	3	3	3		
9	9	9	0	0	0	0	0	0		
7	8	9	0	1	2	3	4			
* TOTALS										

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	8
Depletion Glycogen	2	2	2	2		1	1		6 1.7
Infiltration Cellular, Mixed Cell	1	1	1				1	1	5 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	M	+	+	+	+	+	+	+	7

* .. 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:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
Vehicle Control	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	3	3	3	3	3	
		9	9	9	0	0	0	0	0	
		7	8	9	0	1	2	3	4	
* TOTALS										

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	8
Bronchial Associated Lymphoid Tissue	M	M	M	M	M	M	M	M	0
Gut Associated Lymphoid Tissue	+	M	+	+	+	+	+	+	7
Lymph Node, Mandibular	+	+	+	+	+	+	+	M	7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Popliteal Lymph Node	M	+	+	+	M	M	M	M	3
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
Vehicle Control		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
		7	8	9	0	1	2	3	4		
		* TOTALS									
Bone		+	+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM											
NONE											
RESPIRATORY SYSTEM											
Lung		+	+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM											
NONE											
URINARY SYSTEM											
Kidney		+	+	+	+	+	+	+	+	+	8
Nephropathy							1				1 1.0

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
156 mg/kg	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		0	0	0	0	0	1	1	1	
		5	6	7	8	9	0	1	2	* TOTALS

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	8
Depletion Glycogen	2	2	2	1	2	1	1	2	8 1.6
Infiltration Cellular, Mixed Cell	1	1	1	1	1	1	1	1	8 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8

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		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
156 mg/kg	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		0	0	0	0	0	1	1	1	
		5	6	7	8	9	0	1	2	
									* TOTALS	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	8	
Bronchial Associated Lymphoid Tissue	M	M	M	M	M	M	M	M	0	
Gut Associated Lymphoid Tissue	+	M	+	+	+	+	+	M	6	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8	
Cortex, Decreased Number, Lymphocyte	1									1 1.0
Paracortex, Decreased Number, Lymphocyte	1									1 1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8	
Popliteal Lymph Node	I	+	+	+	+	+	+	+	7	
Spleen	+	+	+	+	+	+	+	+	8	
Thymus	+	+	+	+	+	+	+	+	8	

INTEGUMENTARY SYSTEM

NONE

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
156 mg/kg	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		0	0	0	0	0	1	1	1	
		5	6	7	8	9	0	1	2	* TOTALS

MUSCULOSKELETAL SYSTEM

Bone + + + + + + + + 8

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung + + + + + + + + 8

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + + + 8

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 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
312 mg/kg	ANIMAL ID	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		1	1	1	1	1	1	1	2	
		3	4	5	6	7	8	9	0	
* TOTALS										

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	8
Depletion Glycogen				2	1		1		3 1.3
Infiltration Cellular, Mixed Cell	1		1	1	1				5 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+		+	+	7
Adrenal Medulla	+	+	+	+	+		+	+	7

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
312 mg/kg	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		1	1	1	1	1	1	1	2	
		3	4	5	6	7	8	9	0	* TOTALS

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	8
Bronchial Associated Lymphoid Tissue	M	M	+	M	M	M	M	M	1
Gut Associated Lymphoid Tissue	+	+	+	+	+	+	M	+	7
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Popliteal Lymph Node	M	+	+	M	M	+	+	+	5
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
312 mg/kg	ANIMAL ID	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		1	1	1	1	1	1	1	2	
		3	4	5	6	7	8	9	0	
* TOTALS										
Bone		+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM										
NONE										
RESPIRATORY SYSTEM										
Lung		+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM										
NONE										
URINARY SYSTEM										
Kidney		+	+	+	+	+	+	+	+	8

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B6C3F1 MICE MALE 625 mg/kg	DAY ON TEST	0	0	0	0	0	0	0	0	ANIMAL ID	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2		3	3	3	3	3	3	3	3
		9	9	9	9	9	9	9	9	1	2	3	4	5	6	7	8	
* TOTALS																		

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	8
Depletion Glycogen				1	1	1			3 1.0
Infiltration Cellular, Mixed Cell	1	1		1	1	1	1	1	7 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	M	+	+	+	+	+	+	+	7
Adrenal Medulla	M	+	+	+	+	+	+	+	7

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
625 mg/kg		2	2	2	2	2	2	2	2	
		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	
		3	3	3	3	3	3	3	3	
		2	2	2	2	2	2	2	2	
		1	2	3	4	5	6	7	8	
* TOTALS										

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	8
Bronchial Associated Lymphoid Tissue	M	+	M	M	M	M	M	M	1
Gut Associated Lymphoid Tissue	M	M	M	M	+	+	+	M	3
Lymph Node, Mandibular	+	+	+	+	+	I	M	+	6
Lymph Node, Mesenteric	+	+	M	+	+	+	+	+	7
Popliteal Lymph Node	M	+	M	+	+	+	+	+	6
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
625 mg/kg	ANIMAL ID	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		2	2	2	2	2	2	2	2	
		1	2	3	4	5	6	7	8	
* TOTALS										
Bone		+	+	+	+	+	+	+	+	8
NERVOUS SYSTEM										
NONE										
RESPIRATORY SYSTEM										
Lung		+	+	+	+	+	+	+	+	8
SPECIAL SENSES SYSTEM										
NONE										
URINARY SYSTEM										
Kidney		+	+	+	+	+	+	+	+	8

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TDMS No. 20704 - 99
 Test Type: 18-33 DAYS
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Resveratrol
 CAS Number: 501-36-0

Date Report Requested: 12/15/2010
 Time Report Requested: 09:28:15
 First Dose M/F: 11/13/07 / NA
 Lab: VCU

B6C3F1 MICE MALE 1250 mg/kg	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		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	
		3	3	3	3	3	3	3	3	
		2	3	3	3	3	3	3	3	
		9	0	1	2	3	4	5	6	
* TOTALS										

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	8
Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	8
Depletion Glycogen		1	2	1	2				4 1.5
Infiltration Cellular, Mixed Cell	1	1	1	1	1	1	1	1	8 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	8
Stomach, Glandular	+	+	+	+	+	+	+	+	8

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	8
Adrenal Medulla	+	+	+	+	+	+	+	+	8

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

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

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
1250 mg/kg	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		2	3	3	3	3	3	3	3	
		9	0	1	2	3	4	5	6	
* TOTALS										

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	8
Bronchial Associated Lymphoid Tissue	M	M	M	M	M	M	M	M	0
Gut Associated Lymphoid Tissue	M	M	M	M	M	M	+	M	1
Lymph Node, Mandibular Paracortex, Decreased Number, Lymphocyte	+	+	+	+	+	+	+	+	8
							2		1 2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	8
Popliteal Lymph Node	I	+	M	+	M	M	+	+	4
Spleen	+	+	+	+	+	+	+	+	8
Thymus	+	+	+	+	+	+	+	+	8

INTEGUMENTARY SYSTEM

NONE

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	
1250 mg/kg	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	
		2	3	3	3	3	3	3	3	
		9	0	1	2	3	4	5	6	
* TOTALS										

MUSCULOSKELETAL SYSTEM

Bone + + + + + + + + 8

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung + + + + + + + + 8
 Bronchiole, Inflammation, Suppurative 1 1 1.0

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + + + 8

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 Lab: VCU

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	
		0	0	0	0	0	0	
2500 mg/kg	ANIMAL ID	0	0	0	0	0	0	
		0	0	0	0	0	0	
		3	3	3	3	3	3	
		3	3	3	4	4	4	
		7	8	9	1	3	4	
								* TOTALS

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	6
Intestine Large, Colon	+	+	+	+	+	+	6
Intestine Large, Rectum	+	+	+	+	+	M	5
Intestine Small, Duodenum	+	+	+	+	+	+	6
Intestine Small, Ileum	+	+	+	+	+	+	6
Intestine Small, Jejunum	+	+	+	+	+	+	6
Liver	+	+	+	+	+	+	6
Depletion Glycogen	2	2	1	2	2	2	6 1.8
Infiltration Cellular, Mixed Cell	1	1	1	1	1	1	6 1.0
Stomach, Forestomach	+	+	+	+	+	+	6
Stomach, Glandular	+	+	+	+	+	+	6

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	6
Adrenal Medulla	+	+	+	+	+	+	6

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 Lab: VCU

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	
		0	0	0	0	0	0	
2500 mg/kg		2	2	2	2	2	2	
		9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	
		0	0	0	0	0	0	
		3	3	3	3	3	3	
		3	3	3	4	4	4	
		7	8	9	1	3	4	
								* TOTALS

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	6	
Bronchial Associated Lymphoid Tissue	M	M	M	M	M	M	0	
Gut Associated Lymphoid Tissue	M	+	+	+	+	+	5	
Lymph Node, Mandibular Paracortex, Decreased Number, Lymphocyte	I	+	+	+	+	+	5	1 2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	6	
Popliteal Lymph Node	+	M	I	+	+	M	3	
Spleen	+	+	+	+	+	+	6	
Thymus	+	+	+	+	+	+	6	

INTEGUMENTARY SYSTEM

NONE

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	
		0	0	0	0	0	0	
		2	2	2	2	2	2	
		9	9	9	9	9	9	
		0	0	0	0	0	0	
		0	0	0	0	0	0	
2500 mg/kg	ANIMAL ID	0	0	0	0	0	0	
		3	3	3	3	3	3	
		3	3	3	4	4	4	
		7	8	9	1	3	4	
							* TOTALS	

MUSCULOSKELETAL SYSTEM

Bone + + + + + + 6

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung + + + + + + 6

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + 6
 Nephropathy 1 1 2 1.0

*** END OF REPORT ***

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