

TDMS No. 20306 - 03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.
Final1 grps17891011

Date Report Reqsted: 12/13/2005
Time Report Reqsted: 09:06:56
First Dose M/F: NA / 10/13/03
Lab: BAT

C Number: C20306

Lock Date: 10/07/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups:	Include 001 0 NG/KG	Include 007 1000 NG/KG 67	Include 008 10,000 NG/KG 67
	Include 009 50,000 NG/KG 67	Include 010 100,000 NG/KG 67	Include 011 200,000 NG/KG 67

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DAY ON TEST	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
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
.....															
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 NG/KG	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	0	0	0	0	0	1	1	1	1	1	1
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
	* TOTALS														

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatodiaphragmatic Nodule															X	1
Inflammation, Chronic Active			1	1		1					1	1		1		7 1.0
Hepatocyte, Hypertrophy															1	1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Mononuclear Cell	X	X			X			X	X			X		X		7
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
FISCHER 344 RATS FEMALE	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 NG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	* TOTALS
Infiltration Cellular, Mononuclear Cell																1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Mononuclear Cell			X					X			X			X		4
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
CARDIOVASCULAR SYSTEM																
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Cardiomyopathy		1			1	1	1	1		1	1		1	1		9 1.0
ENDOCRINE SYSTEM																
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	13
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
FISCHER 344 RATS FEMALE	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 NG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	* TOTALS

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Periovarian Tissue, Cyst										1						1 1.0
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Atrophy	1															1 1.0
Infiltration Cellular, Histiocyte		1				1			1	1		2	1			6 1.2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pigmentation, Hemosiderin	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	15 1.1

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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 NG/KG	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	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	2	3	4	5	6	7	8	9	0	1	2	3	4	5
	* TOTALS														

Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
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INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Alveolar Epithelium, Hyperplasia														2		1 2.0
Alveolus, Infiltration Cellular, Histiocyte			1	1										1		3 1.0
Interstitialium, Inflammation, Granulomatous					1											1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
.....															
FISCHER 344 RATS FEMALE	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 NG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
	* TOTALS														

Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
---------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Mineralization	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15 1.0
Nephropathy										1	1					2 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte		1														1 1.0

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	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
1000 NG/KG 67	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatodiaphragmatic Nodule			X								1
Inflammation, Granulomatous							1				1 1.0
Inflammation, Chronic Active	1		1	1	1	1	1	1	1	1	9 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear Cell		X				X			X		3
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte			1								1 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10

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	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
1000 NG/KG 67	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

Thyroid Gland + + + + + + + + + + **10**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary + + + + + + + + + + **10**

Uterus + + + + + + + + + + **10**

Vagina + + + + + + + + + + **10**

HEMATOPOIETIC SYSTEM

Spleen + + + + + + + + + + **10**

Hematopoietic Cell Proliferation 1 1 1 1 1 1 1 1 2 1 **10 1.1**

Pigmentation, Hemosiderin 1 1 1 1 1 1 1 1 1 1 **10 1.0**

Thymus + + + + + + + + + + **10**

INTEGUMENTARY SYSTEM

Mammary Gland + + + + + + + + + + **10**

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9		9	9	9	9	9	9	9	9	9	9
4		4	4	4	4	4	4	4	4	4	4
.....											
FISCHER 344 RATS FEMALE ANIMAL ID	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
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	

*** TOTALS**

Skin + + + + + + + + + + **10**

MUSCULOSKELETAL SYSTEM
 NONE

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

.....												
Kidney	+	+	+	+	+	+	+	+	+	+	+	10
Mineralization	1	1	1	1	1	1	1	1	2	1		10 1.1
Nephropathy							1					1 1.0
Capsule, Inflammation, Chronic Active				1								1 1.0

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	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
10,000 NG/KG 67	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
										* TOTALS

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatodiaphragmatic Nodule						X		X			2
Inflammation, Chronic Active	1	1	1		1	1	1	1	1	1	9 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear Cell		X	X	X	X			X	X		6
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

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 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/13/2005
 Time Report Reqsted: 09:06:56
 First Dose M/F: NA / 10/13/03
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
10,000 NG/KG 67	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	2	2	2	2	2	2	2	2	1		9 1.9
Pigmentation, Hemosiderin	1	1	1	2	1	1	1	1	1	1	10 1.1
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	M	+	+	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. 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

TDMS No. 20306 - 03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
10,000 NG/KG 67	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
										* TOTALS

MUSCULOSKELETAL SYSTEM
 NONE

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+		
Mineralization	1	1	1	1	1	1	1	1	1	1		
Nephropathy			1			1	1		1			
										10	9 1.0	4 1.0

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 + .. Tissue examined microscopically
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 Route: GAVAGE
 Species/Strain: RATS/F 344

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
50,000 NG/KG 67	2	2	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
	* TOTALS									

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatocyte, Multinucleate					1						1 1.0
Inflammation, Chronic Active	1	1	1	1	1	1		1			7 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear Cell	X		X	X				X	X		5
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia, Focal					1						1 1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

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 Species/Strain: RATS/F 344

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 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
50,000 NG/KG 67	2	2	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
	* TOTALS									

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation		1		1	1		1		1		5 1.0
Pigmentation, Hemosiderin	1	1	1	1	1	1	1	1	1	1	10 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	M	+	+	+	9
---------------	---	---	---	---	---	---	---	---	---	---	----------

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 Route: GAVAGE
 Species/Strain: RATS/F 344

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 First Dose M/F: NA / 10/13/03
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
50,000 NG/KG 67	2	2	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	* TOTALS

Skin	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	-----------

MUSCULOSKELETAL SYSTEM
 NONE

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolar Epithelium, Hyperplasia			1								1 1.0

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

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

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 Page 15

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 Route: GAVAGE
 Species/Strain: RATS/F 344

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
100,000 NG/KG 67	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Granulomatous					1						1 1.0
Inflammation, Chronic Active	1	1	1	1	1	1	1	1	1	1	10 1.0
Hepatocyte, Hypertrophy									1		1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear Cell	X	X	X		X	X	X	X	X	X	9
Acinus, Atrophy, Focal									1		1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear Cell					X						1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10

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

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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
100,000 NG/KG 67	2	2	2	2	2	2	2	2	2	2	
	3	3	3	3	3	3	3	3	3	4	
	1	2	3	4	5	6	7	8	9	0	
											* TOTALS

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
---------------	---	---	---	---	---	---	---	---	---	---	-----------

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

Uterus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

Vagina	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Atrophy						1	1					2 1.0

Spleen	+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic Cell Proliferation			1		1	2	2			2	2		6 1.7
Pigmentation, Hemosiderin	1	1	1	1	1	1	1	1	1	1		10 1.0	

Thymus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
100,000 NG/KG 67	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

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 Species/Strain: RATS/F 344

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	4	4	4	4	4	4	4	4	4	
.....												
FISCHER 344 RATS FEMALE ANIMAL ID	100,000 NG/KG 67	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	
		3	3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0	
											* TOTALS	
Mineralization		1		1	1			1	1	1		6 1.0
Nephropathy		1					1				1	3 1.0

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+ .. Tissue examined microscopically

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
200,000 NG/KG 67	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									

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	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
Fatty Change							1		1		2 1.0
Hepatocyte, Multinucleate	2	1	2	1	1	2	1		1	2	9 1.4
Hepatodiaphragmatic Nodule								X			1
Inflammation, Suppurative		1									1 1.0
Inflammation, Chronic Active	1	3	1	1	1	1	1	1	1	1	10 1.2
Toxic Hepatopathy	1	1	1	1	1	1	1		1	1	9 1.0
Hepatocyte, Hypertrophy	2	1	1	1	1	1	1	1	2	2	10 1.3
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear Cell			X	X		X	X				4

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TDMS No. 20306 - 03
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 Route: GAVAGE
 Species/Strain: RATS/F 344

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 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
200,000 NG/KG 67	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

Acinus, Atrophy, Focal	1										1 1.0
.....											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
.....											
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
.....											
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
.....											
Tongue	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
.....											
Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy	1	1	1		1	1		1	1	1	8 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
.....											
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
.....											
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
.....											
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10

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 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20306 - 03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/13/2005
 Time Report Reqsted: 09:06:56
 First Dose M/F: NA / 10/13/03
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
200,000 NG/KG 67	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

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
---------------	---	---	---	---	---	---	---	---	---	---	-----------

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Atrophy						3					1 3.0
Infiltration Cellular, Histiocyte				1	1	1	1		1	1	6 1.0

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 Lab: BAT

	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
200,000 NG/KG 67	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
Spleen	+	+	+	+	+	+	+	+	+	+	10
Pigmentation, Hemosiderin	1	1	2	1	2	1	2	1	2	1	10 1.4
Thymus	+	+	+	+	+	+	+	+	+	+	10
Atrophy		1					1		1		3 1.0
INTEGUMENTARY SYSTEM											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolar Epithelium, Hyperplasia	1										1 1.0
Alveolus, Infiltration Cellular, Histiocyte	1	1									2 1.0

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
200,000 NG/KG 67	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
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
.....											
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear Cell				X							1
.....											
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization	1	1		1	1	1		1		1	7 1.0
Nephropathy		1	1	1							3 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

*** END OF REPORT ***

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