

TDMS No. 88105 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
ISOEUGENOL
CAS Number: 97-54-1
Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
Time Report Reqsted: 17:46:24
First Dose M/F: 04/22/02 / 04/23/02
Lab: BNW

DAY ON TEST	7	7	7	7	7	5	7	6	7	7	7	7	6	7	7	7	7	7	4	7	7	7	7			
ANIMAL ID	3	3	3	3	3	2	3	6	3	3	3	3	8	3	3	3	3	3	9	3	1	3	3			
	2	2	1	2	0	9	1	0	0	0	1	2	0	3	1	2	1	0	1	2	9	1	4	0	2	
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
150 MG/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		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

MUSCULOSKELETAL SYSTEM

Bone Hyperostosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 3.0
-------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--------------

NERVOUS SYSTEM

Brain Hemorrhage	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 3.0
------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--------------

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic Active								1						2												3 1.3
Alveolar Epithelium, Hyperplasia		1				1			1								4		3		2		1			16 1.4
Bronchiole, Hyperplasia																										1 2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation, Suppurative				3							2															2 2.5
Thrombosis																										1 3.0
Glands, Hyperplasia																										1 1.0
Olfactory Epithelium, Accumulation,	1		1		1	1	1	1	1	1	2	1	1	1	2	1	1	1		1		2		1	1	37 1.2

* .. 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
Page 96

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Requested: 09/28/2006
 Time Report Requested: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

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

Hyaline Droplet																								1	1.0	
Olfactory Epithelium, Degeneration																								1	1.0	
Olfactory Epithelium, Metaplasia, Respiratory				2	1										3			1		1	2		2			
Respiratory Epithelium, Accumulation, Hyaline Droplet																									2	1.5
Respiratory Epithelium, Hyperplasia				2											2	2										
																									4	2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	
																								48		

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+			
Cataract																								4	3	3	3.7
Retina, Atrophy																								4	4	3	4.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+			
																								47			

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+			
Nephropathy	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2		1				
Transitional Epithelium, Hyperplasia																										40	1.2
																										1	3.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+			
																								48			

* .. 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

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST	ANIMAL ID																								females (cont...)
	0	6	7	7	0	6	7	7	7	6	7	4	7	7	6	7	7	7	7	7	6	6	7	7	
2	0	3	3	2	9	3	3	3	5	3	9	3	3	2	3	3	3	3	3	3	0	1	3	3	4
4	6	2	1	3	5	2	0	2	1	1	6	0	0	3	2	2	2	2	2	2	2	9	1	2	7
FISCHER 344 RATS FEMALE	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
300 MG/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	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum Parasite Metazoan	+	+	+	+	+	+	X	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																								
Basophilic Focus		X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
Clear Cell Focus										X		X	X									X		
Eosinophilic Focus																X						X		
Hepatodiaphragmatic Nodule																					X			
Mixed Cell Focus								X																
Bile Duct, Hyperplasia											1											2		
Hepatocyte, Mitotic Alteration																								

* .. 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. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST		0	6	7	7	0	6	7	7	7	6	7	4	7	7	6	7	7	7	7	6	6	7	7	5	
		2	0	3	3	2	9	3	3	3	5	3	9	3	3	2	3	3	3	3	3	0	1	3	3	4
		4	6	2	1	3	5	2	0	2	1	1	6	0	0	3	2	2	2	2	2	2	9	1	2	7
FISCHER 344 RATS FEMALE 300 MG/KG	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	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

females
(cont...)

Mesentery																									
Fat, Necrosis	+					+									+	+	+				+		+	+	
	2					2									2	2	2						2	2	
Oral Mucosa																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy		1																							
Acinus, Hyperplasia											3		2					2							
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Squamous																									
Inflammation																									
Ulcer																									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																									
Mineralization											2														

CARDIOVASCULAR SYSTEM

Blood Vessel																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy																									
Pericardium, Inflammation, Granulomatous			1	1		1	1	1	1	1	2		1	1		1	1	1	1	1			1	1	1
Pericardium, Inflammation, Acute																									

* .. 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

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST	0	6	7	7	0	6	7	7	7	6	7	4	7	7	6	7	7	7	7	6	6	7	7	5	
	2	0	3	3	2	9	3	3	3	5	3	9	3	3	2	3	3	3	3	3	0	1	3	3	4
	4	6	2	1	3	5	2	0	2	1	1	6	0	0	3	2	2	2	2	2	2	9	1	2	7
FISCHER 344 RATS FEMALE	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
300 MG/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	0
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

females
(cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic				3		2																			
Hyperplasia									2						2	2	2	2	2						
Hypertrophy																									
Vacuolization Cytoplasmic				4																					
Adrenal Medulla	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia								2																	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis																2									
Pars Distalis, Hyperplasia			3						3	2									2				3	1	3
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia																					2	2			

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. 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. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST		0	6	7	7	0	6	7	7	7	6	7	4	7	7	6	7	7	7	7	6	6	7	7	5	
		2	0	3	3	2	9	3	3	3	5	3	9	3	3	2	3	3	3	3	3	0	1	3	3	4
		4	6	2	1	3	5	2	0	2	1	1	6	0	0	3	2	2	2	2	2	2	9	1	2	7
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	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	
	300 MG/KG	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

females
(cont...)

Clitoral Gland Hyperplasia Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Oviduct																									
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node Deep Cervical, Ectasia Deep Cervical, Hemorrhage																									
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen Hematopoietic Cell Proliferation Inflammation, Granulomatous	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. 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

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST		0	6	7	7	0	6	7	7	7	6	7	4	7	7	6	7	7	7	7	6	6	7	7	5	
		2	0	3	3	2	9	3	3	3	5	3	9	3	3	2	3	3	3	3	3	0	1	3	3	4
		4	6	2	1	3	5	2	0	2	1	1	6	0	0	3	2	2	2	2	2	2	9	1	2	7
FISCHER 344 RATS FEMALE 300 MG/KG	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	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

females
(cont...)

Necrosis	3																								
Thymus Inflammation, Acute	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	3																								

INTEGUMENTARY SYSTEM

Mammary Gland Galactocele	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
						X																			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve																									+

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* .. 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
 Page 102

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

	DAY ON TEST																									
	0	6	7	7	0	6	7	7	7	6	7	4	7	7	6	7	7	7	7	7	6	6	7	7		5
	2	0	3	3	2	9	3	3	3	5	3	9	3	3	2	3	3	3	3	3	0	1	3	3	4	
	4	6	2	1	3	5	2	0	2	1	1	6	0	0	3	2	2	2	2	2	2	9	1	2	7	
FISCHER 344 RATS FEMALE	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	
300 MG/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	0	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	females (cont...)

Cyst																									4
Inflammation, Acute	2																								
Inflammation, Chronic Active																									
Alveolar Epithelium, Hyperplasia																									1
Alveolus, Infiltration Cellular, Histiocyte																									1
Bronchiole, Hyperplasia																									1
																									3
Nose	+ +																								
Inflammation, Suppurative																									2
Inflammation, Chronic																									2
Glands, Dilatation																									
Glands, Hyperplasia																									2
Olfactory Epithelium, Accumulation, Hyaline Droplet																									1
Olfactory Epithelium, Atrophy																									1
Olfactory Epithelium, Metaplasia, Respiratory																									1
Olfactory Epithelium, Metaplasia, Squamous																									2
Respiratory Epithelium, Hyperplasia																									2
Respiratory Epithelium, Metaplasia, Squamous																									2
Pleura																									
Inflammation, Suppurative																									
Trachea	+ +																								
Inflammation, Suppurative																									

SPECIAL SENSES SYSTEM

* .. 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. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST		0	6	7	7	0	6	7	7	7	6	7	4	7	7	6	7	7	7	7	6	6	7	7	5	
		2	0	3	3	2	9	3	3	3	5	3	9	3	3	2	3	3	3	3	3	0	1	3	3	4
		4	6	2	1	3	5	2	0	2	1	1	6	0	0	3	2	2	2	2	2	2	9	1	2	7
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	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	
	300 MG/KG	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

females
(cont...)

Ear																									+
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Retina, Atrophy																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland																									+

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infarct																									
Inflammation, Suppurative																									
Nephropathy			1	1		1		1	1		1		1	1		1	1	1	1	1	2	1	1	1	1
Transitional Epithelium, Hyperplasia																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																									

* .. 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. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

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

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	A	44
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	48
Parasite Metazoan																				X					2
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	46
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis						2	2																3		3 2.3
Basophilic Focus	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	46
Clear Cell Focus					X								X	X								X			10
Eosinophilic Focus		X									X										X				5
Hepatodiaphragmatic Nodule								X			X							X							4
Mixed Cell Focus			X						X																3
Bile Duct, Hyperplasia																1				2					4 1.5
Hepatocyte, Mitotic Alteration								3																	1 3.0

* .. 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. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Requested: 09/28/2006
 Time Report Requested: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST		6	7	7	7	5	7	7	3	7	6	7	7	0	5	7	7	7	7	7	7	6	7	5	4	
		2	3	3	3	9	3	3	3	3	3	3	3	3	9	3	3	3	3	3	3	3	3	3	4	7
		7	2	1	1	7	1	2	6	0	0	2	2	8	0	2	1	1	1	2	0	1	2	2	1	9
FISCHER 344 RATS FEMALE 300 MG/KG	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	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
																									* TOTALS	

Mesentery																											14	
Fat, Necrosis																												13 2.0
Oral Mucosa																												1
Pancreas																												50
Acinus, Atrophy																												4 1.3
Acinus, Hyperplasia																												5 2.6
Salivary Glands																												50
Stomach, Forestomach																												50
Hyperplasia, Squamous																												2 2.0
Inflammation																												1 2.0
Ulcer																												2 1.5
Stomach, Glandular																												47
Atrophy																												3 2.0
Mineralization																												1 2.0

CARDIOVASCULAR SYSTEM

Blood Vessel																												1
Heart																												50
Cardiomyopathy																												39 1.2
Pericardium, Inflammation, Granulomatous																												1 4.0
Pericardium, Inflammation, Acute																												2 1 2.0

* .. 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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Requested: 09/28/2006
 Time Report Requested: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST		6	7	7	7	5	7	7	3	7	6	7	7	0	5	7	7	7	7	7	7	6	7	5	4	
		2	3	3	3	9	3	3	3	3	3	3	3	3	9	3	3	3	3	3	3	3	3	3	4	7
		7	2	1	1	7	1	2	6	0	0	2	2	8	0	2	1	1	1	2	0	1	2	2	1	9
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	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	3	3	3	3	4	
	300 MG/KG	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
		* TOTALS																								

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration, Cystic				2																						3	2.3
Hyperplasia					2					2	2				2	2	2	2	2	2		2	2			18	2.0
Hypertrophy																2		2								2	2.0
Vacuolization Cytoplasmic																										1	4.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia	2												2							1			2			5	1.8
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	49	
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Angiectasis														2								2				3	2.0
Pars Distalis, Hyperplasia				2	4	2					3	4		2	2			2	2	2	2			3	3	20	2.5
Thyroid Gland	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	48	
C-cell, Hyperplasia				2							2			3	2											6	2.2

GENERAL BODY SYSTEM

NONE

GENITAL 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

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Requested: 09/28/2006
 Time Report Requested: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST	FISCHER 344 RATS FEMALE																									* TOTALS
	ANIMAL ID																									
6	7	7	7	5	7	7	3	7	6	7	7	0	5	7	7	7	7	7	7	7	6	7	5	4		
2	3	3	3	9	3	3	3	3	3	3	3	3	9	3	3	3	3	3	3	3	3	3	4	7		
7	2	1	1	7	1	2	6	0	0	2	2	8	0	2	1	1	1	2	0	1	2	2	1	9		
	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		
300 MG/KG	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4		
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia	2		2								2														4	1 3.0
Inflammation, Chronic Active												3													1	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst							3	3															3		4	3 3.0
Oviduct																									1	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	49	
Lymph Node														+		+									3	
Deep Cervical, Ectasia														3											1	3 3.0
Deep Cervical, Hemorrhage																2									1	2 2.0
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	49	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	49	
Hematopoietic Cell Proliferation							3																		3	3 3.0
Inflammation, Granulomatous																									1	4 4.0

* .. 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. 88105 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
ISOEUGENOL
CAS Number: 97-54-1
Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
Time Report Reqsted: 17:46:24
First Dose M/F: 04/22/02 / 04/23/02
Lab: BNW

DAY ON TEST		6	7	7	7	5	7	7	3	7	6	7	7	0	5	7	7	7	7	7	7	6	7	5	4	
		2	3	3	3	9	3	3	3	3	3	3	3	3	9	3	3	3	3	3	3	3	3	3	4	7
		7	2	1	1	7	1	2	6	0	0	2	2	8	0	2	1	1	1	2	0	1	2	2	1	9
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	0	0	
300 MG/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	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																										* TOTALS

Necrosis 1 3.0

Thymus
Inflammation, Acute + + + + + + + + + + + + A + + + + + + + + + + + + 49 1 3.0

INTEGUMENTARY SYSTEM

Mammary Gland
Galactocele + + + + + + + + + + + + + + + + I + + + + + + + + 49 1

Skin + 50

MUSCULOSKELETAL SYSTEM

Bone + 50

NERVOUS SYSTEM

Brain + 50

Peripheral Nerve 1

RESPIRATORY SYSTEM

Lung + 50

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
x .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

	6	7	7	7	5	7	7	3	7	6	7	7	0	5	7	7	7	7	7	6	7	5	4		
DAY ON TEST	2	3	3	3	9	3	3	3	3	3	3	3	3	9	3	3	3	3	3	3	3	4	7		
	7	2	1	1	7	1	2	6	0	0	2	2	8	0	2	1	1	1	2	0	1	2	1	9	
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
300 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4		
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	0		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																								* TOTALS	

Cyst																												
Inflammation, Acute					1																					2		
Inflammation, Chronic Active																		1							2			
Alveolar Epithelium, Hyperplasia		1		1			1		1									1								1		
Alveolus, Infiltration Cellular, Histiocyte																												
Bronchiole, Hyperplasia																												

Nose																																						
Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation, Chronic																																						
Glands, Dilatation					2								2																									
Glands, Hyperplasia																																						
Olfactory Epithelium, Accumulation, Hyaline Droplet	1	1		1	1	1	2		2	1				1	1	1		1		1	2	1					1											
Olfactory Epithelium, Atrophy	1																																				1	
Olfactory Epithelium, Metaplasia, Respiratory	1								1						1					1		2																
Olfactory Epithelium, Metaplasia, Squamous																																						
Respiratory Epithelium, Hyperplasia					2																2																	
Respiratory Epithelium, Metaplasia, Squamous																																					2	

Pleura																																							
Inflammation, Suppurative																																						+	1
																																						3	1.3

Trachea																																							
Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
																																						2	1.2

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

TDMS No. 88105 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 ISOEUGENOL
 CAS Number: 97-54-1
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006
 Time Report Reqsted: 17:46:24
 First Dose M/F: 04/22/02 / 04/23/02
 Lab: BNW

DAY ON TEST	FISCHER 344 RATS FEMALE																								* TOTALS
	ANIMAL ID																								
6	7	7	7	5	7	7	3	7	6	7	7	0	5	7	7	7	7	7	7	6	7	5	4		
2	3	3	3	9	3	3	3	3	3	3	3	3	9	3	3	3	3	3	3	3	3	3	4	7	
7	2	1	1	7	1	2	6	0	0	2	2	8	0	2	1	1	1	2	0	1	2	2	1	9	
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	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	
7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS

Ear																									1
Eye	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	48	1 2.0
Retina, Atrophy																									2
Harderian Gland	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	48	
Zymbal's Gland																									1

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Infarct																									4	1 4.0
Inflammation, Suppurative																									4	2 3.5
Nephropathy	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	40 1.2	
Transitional Epithelium, Hyperplasia																									4	2 3.5
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	49	1 2.0	
Inflammation, Chronic Active																									2	

*** 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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 111