

**TDMS No.** 20006 - 01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
INDOLE-3-CARBINOL  
**CAS Number:** 700-06-1

**Date Report Reqsted:** 06/04/2007  
**Time Report Reqsted:** 16:29:44  
**First Dose M/F:** 08/31/04 / 08/30/04  
**Lab:** SRI

F1\_R2

**C Number:** C20006  
**Lock Date:** 03/07/2006  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**TDMSE Version:** 1.7.0

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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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	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	1
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</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>
Hemorrhage		1		2							<b>2 1.5</b>
Hepatocyte, Vacuolization Cytoplasmic				1		1	1	1			<b>4 1.0</b>
Mesentery							+		+		<b>2</b>
Accessory Spleen							X				<b>1</b>
Fat, Necrosis									2		<b>1 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

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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		
	4	4	4	4	4	4	4	4	4	4		
.....												
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0		
	1	2	3	4	5	6	7	8	9	0		
												<b>* TOTALS</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
<b>CARDIOVASCULAR SYSTEM</b>												
.....												
Heart	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Cardiomyopathy								1				<b>1 1.0</b>
Infiltration Cellular, Mixed Cell		1	1						1			<b>3 1.0</b>
.....												
<b>ENDOCRINE SYSTEM</b>												
.....												
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Accessory Adrenal Cortical Nodule			2			1						<b>2 1.5</b>
.....												
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+		<b>9</b>
.....												
Pituitary Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
Thyroid Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>

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 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	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	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	M	M	M	M	M	+	M	M	M	M	<b>1</b>
Lymph Node, Mesenteric Hemorrhage	+	A	A	A	+	+	+	+	+	+	<b>7</b>
					1						<b>1 1.0</b>

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	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	
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	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	1	
	1	2	3	4	5	6	7	8	9	0	
Spleen Pigmentation	+	+	+	+	+	+	+	+	+	+	10
					1		1			1	3 1.0
Thymus	+	+	+	+	+	+	+	M	+	+	9
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	I	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic		1						1	1		3 1.0
Alveolar Epithelium, Hyperplasia								1			1 1.0

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	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		
.....												
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0		
												<b>* TOTALS</b>
Nose	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Nasolacrimal Duct, Inflammation, Chronic										2		<b>1 2.0</b>
.....												
Trachea	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
<b>SPECIAL SENSES SYSTEM</b>												
.....												
Eye	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
Harderian Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
<b>URINARY SYSTEM</b>												
.....												
Kidney	+	+	+	+	+	+	+	+	+	+		<b>10</b>
.....												
Urinary Bladder	+	+	+	+	+	+	+	+	+	+		<b>10</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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>18.75 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Lipidosis						1		1			2 1.0
Lymphatic, Ectasia						1		1			2 1.0

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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	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
.....										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>37.5 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lamina Propria, Lipidosis	1										<b>1 1.0</b>
Lymphatic, Ectasia	1										<b>1 1.0</b>
.....											
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule						X					<b>1</b>
Hepatocyte, Vacuolization Cytoplasmic						2			1		<b>2 1.5</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

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	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
<hr/>										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>37.5 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric	+	+	+	+		+	+	+	+	+	<b>9</b>
Lipidosis								1			<b>1 1.0</b>
Lymphatic, Ectasia								1			<b>1 1.0</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

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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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>75 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Lamina Propria, Lipidosis										1		1 1.0
Lymphatic, Ectasia										1		1 1.0
.....												
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Lamina Propria, Lipidosis	1	1		1	1			1				5 1.0
Lymphatic, Ectasia	1	1		1	1			1				5 1.0
.....												
Liver	+	+	+	+	+	+	+	+	+	+	10	
Hemorrhage										1		1 1.0
Hepatodiaphragmatic Nodule										X		1
Capsule, Fibrosis										1		1 1.0
Hepatocyte, Necrosis										1		1 1.0
Hepatocyte, Vacuolization Cytoplasmic						1		1	1	1		4 1.0

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

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	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	
.....											
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
<b>75 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	4	
	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**GENITAL SYSTEM**  
 NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric

+ + + + + + + + + +

**10**

**INTEGUMENTARY SYSTEM**  
 NONE

**MUSCULOSKELETAL SYSTEM**  
 NONE

**NERVOUS SYSTEM**  
 NONE

**RESPIRATORY SYSTEM**  
 NONE

**SPECIAL SENSES SYSTEM**  
 NONE

**URINARY SYSTEM**

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 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
94		0	0	0	0	0	0	0	0	0	0
94		9	9	9	9	9	9	9	9	9	9
94		4	4	4	4	4	4	4	4	4	4
.....											
<b>FISCHER 344 RATS MALE</b>		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
<b>75 MG/KG</b>		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0
											<b>* TOTALS</b>
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

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<hr/>										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>150 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Lamina Propria, Lipidosis	2	1	1	2	1	1	1	1	1	1		<b>10 1.2</b>
Lymphatic, Ectasia	2	1	1	2	1	1	1	1	1	1		<b>10 1.2</b>
<hr/>												
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Lamina Propria, Lipidosis	2	2	2	3	2	2	2	3	2	3		<b>10 2.3</b>
Lymphatic, Ectasia	2	2	2	3	2	2	2	3	2	3		<b>10 2.3</b>
<hr/>												
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Hepatocyte, Necrosis								1				<b>1 1.0</b>
Hepatocyte, Vacuolization Cytoplasmic		1		1								<b>2 1.0</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL 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

Page 14

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>150 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lipidosis	1	2		2	1		1				<b>5 1.4</b>
Lymphatic, Ectasia	1	2		2	1		1				<b>5 1.4</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY 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

Page 15

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>150 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</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  
 Page 16



TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Esophagus Inflammation, Chronic	M	+	+	+	+	+	+	+	+	+	9	1	1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Rectum	+	+	+	+	+	+	M	+	+	+	9		
Intestine Small, Duodenum Lamina Propria, Lipidosis Lymphatic, Ectasia	+	+	+	+	+	+	+	+	+	+	10	10	2.2
	1	3	3	3	2	2	3	1	2	2		10	2.2
	1	3	3	3	2	2	3	1	2	2			
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Jejunum Lamina Propria, Lipidosis Lymphatic, Ectasia	+	+	+	+	+	+	+	+	+	+	10	10	3.5
	4	4	4	3	4	4	2	3	3	4		10	3.5
	4	4	4	3	4	4	2	3	3	4			
Liver Infiltration Cellular, Mixed Cell Hepatocyte, Vacuolization Cytoplasmic	+	+	+	+	+	+	+	+	+	+	10	1	1.0
	1				1		1					2	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10		

\* .. 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. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	* TOTALS
	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	
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	
<b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
<b>CARDIOVASCULAR SYSTEM</b>											
Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy					1		1		1		3 1.0
Infiltration Cellular, Mixed Cell		1	1					1			3 1.0
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Accessory Adrenal Cortical Nodule								1			1 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
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 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6
	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	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	M	M	M	M	M	M	M	+	M	+	<b>2</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hemorrhage						1					<b>1 1.0</b>
Lipidosis	4	2	2	4	3	3	3	3	3	3	<b>10 3.0</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

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	
	4	4	4	4	4	4	4	4	4	4	4	
<hr/>												
<b>FISCHER 344 RATS MALE</b>	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	
<b>300 MG/KG</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>
Lymphatic, Ectasia	4	2	2	4	3	3	3	3	3	3	3	<b>10 3.0</b>
Spleen	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pigmentation			1									<b>1 1.0</b>
Thymus	+	+	+	M	+	+	+	+	+	+		<b>9</b>
<hr/>												
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland	+	+	+	+	+	+		+		+		<b>8</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					<b>1 2.0</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  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	
	4	4	4	4	4	4	4	4	4	4	
<hr/>											
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
<b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
											<b>* TOTALS</b>
<hr/>											
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<hr/>											
<b>SPECIAL SENSES SYSTEM</b>											
<hr/>											
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	<b>10</b>
				1							<b>1 1.0</b>
<hr/>											
<b>URINARY SYSTEM</b>											
<hr/>											
Kidney Nephropathy	+	+	+	+	+	+	+	+	+	+	<b>10</b>
							1	1			<b>2 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<hr/>											

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

\* .. 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

Page 21

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	M	<b>9</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>
Eosinophilic Focus								X			<b>1</b>
Infiltration Cellular, Mixed Cell	1		2								<b>2 1.5</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<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

Page 22

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**CARDIOVASCULAR SYSTEM**

Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cardiomyopathy	1			1							<b>2 1.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Accessory Adrenal Cortical Nodule			1		1						<b>2 1.0</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

\* .. 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

Page 23

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	<b>0</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pigmentation			2					2			<b>2 2.0</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<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

Page 24

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	* TOTALS
	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	
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Lung Hemorrhage	+	+	+	+	+	+	+	+	+	+	10
	2										1 2.0
Nose Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	10
								1			1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	M	+	+	9
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

\* .. 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. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. 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

Page 26

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>18.75 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Infiltration Cellular, Mixed Cell							1				<b>1 1.0</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland											<b>1</b>
Uterus			+								<b>1</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

Page 27

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<hr/>										
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>18.75 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric

+ + + + + + + + + +

**10**

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

\* .. 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

Page 28

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>37.5 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lamina Propria, Lipidosis										1	<b>1 1.0</b>
Lymphatic, Ectasia										1	<b>1 1.0</b>
.....											
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Infiltration Cellular, Mixed Cell		1				1					<b>2 1.0</b>
.....											
Mesentery										+	<b>1</b>
Fat, Necrosis										3	<b>1 3.0</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Pituitary Gland											<b>1</b>
Rathke's Cleft, Hemorrhage										2	<b>1 2.0</b>

**GENERAL BODY 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  
 Page 29

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>37.5 MG/KG</b>	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**GENITAL SYSTEM**

Uterus + + 2

**HEMATOPOIETIC SYSTEM**

Lymph Node + 1  
 Mediastinal, Hemorrhage 2 1 2.0  
 Mediastinal, Hyperplasia, Lymphoid 4 1 4.0  
 Lymph Node, Mesenteric + + + + + + + + + 10

**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  
 Page 30

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4

**FISCHER 344 RATS FEMALE**

ANIMAL ID

**37.5 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	0	0	0	0	0	0	0	0
8	8	8	8	8	8	8	8	8	8	9
1	2	3	4	5	6	7	8	9	0	

**\* TOTALS**

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

\* .. 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. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>75 MG/KG</b>	0	0	0	0	0	0	0	0	0	1
	9	9	9	9	9	9	9	9	9	0
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Lamina Propria, Lipidosis	1	1	1	1	1	1	1	1	1	1	10 1.0
Lymphatic, Ectasia	1	1	1	1	1	1	1	1	1	1	10 1.0
Liver	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage										1	1 1.0
Hepatodiaphragmatic Nodule						X					1

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+										1
----------------	---	--	--	--	--	--	--	--	--	--	---

\* .. 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

Page 32

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	
	4	4	4	4	4	4	4	4	4	4	4	
.....												
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	
<b>75 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	1	
	9	9	9	9	9	9	9	9	9	9	0	
	1	2	3	4	5	6	7	8	9	0		<b>* TOTALS</b>
Uterus											+	<b>1</b>
.....												
<b>HEMATOPOIETIC SYSTEM</b>												
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
.....												
<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												
.....												
<b>URINARY SYSTEM</b>												
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

Page 33

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
<b>150 MG/KG</b>	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lamina Propria, Lipidosis	1	1		1	1	1	1	1	1	1	<b>9 1.0</b>
Lymphatic, Ectasia	1	1		1	1	1	1	1	1	1	<b>9 1.0</b>
.....											
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lamina Propria, Lipidosis	3	2	2	2	1	2	2	1	2	1	<b>10 1.8</b>
Lymphatic, Ectasia	3	2	2	2	1	2	2	1	2	1	<b>10 1.8</b>
.....											
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule					X		X				<b>2</b>
Infiltration Cellular, Mixed Cell						1	1				<b>2 1.0</b>
.....											
Mesentery									+		<b>1</b>
Fat, Necrosis									2		<b>1 2.0</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY 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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	
	4	4	4	4	4	4	4	4	4	4	
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
<b>150 MG/KG</b>	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**GENITAL SYSTEM**  
 NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lipidosis		1				1		2			<b>3 1.3</b>
Lymphatic, Ectasia		1				1		2			<b>3 1.3</b>

**INTEGUMENTARY SYSTEM**  
 NONE

**MUSCULOSKELETAL SYSTEM**  
 NONE

**NERVOUS SYSTEM**  
 NONE

**RESPIRATORY SYSTEM**  
 NONE

**SPECIAL SENSES 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  
 Page 35

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
.....										
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>150 MG/KG</b>	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

**URINARY 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

Page 36

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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
	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Lamina Propria, Lipidosis	3	2	2	3	2	3	2	2	2	3		10 2.4
Lymphatic, Ectasia	3	2	2	3	2	3	2	2	2	3		10 2.4
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Lamina Propria, Lipidosis	2	4	3	4	3	3	3	3	3	2		10 3.0
Lymphatic, Ectasia	2	4	3	4	3	3	3	3	3	2		10 3.0
Liver	+	+	+	+	+	+	+	+	+	+	10	
Mesentery						+					1	
Fat, Necrosis						2						1 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Atrophy					1					1		2 1.0

\* .. 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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	0	0
	9	9	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4	4	4
<b>FISCHER 344 RATS FEMALE</b>	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
<b>300 MG/KG</b>	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0		
												<b>* TOTALS</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>CARDIOVASCULAR SYSTEM</b>												
Heart	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>ENDOCRINE SYSTEM</b>												
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Accessory Adrenal Cortical Nodule	1											<b>1 1.0</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>

\* .. 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 38

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	
	4	4	4	4	4	4	4	4	4	4	
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
<b>300 MG/KG</b>	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	2	
	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cyst			X								<b>1</b>
Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	<b>0</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lipidosis	3	3	4	3	3	4	3		3	3	<b>9 3.2</b>
Lymphatic, Ectasia	3	3	4	3	3	4	3		3	3	<b>9 3.2</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pigmentation	2	2		2				1			<b>4 1.8</b>

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 2) Mild 4) Marked  
 Page 39

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	
	4	4	4	4	4	4	4	4	4	4	4	
.....												
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	
<b>300 MG/KG</b>	1	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	1	2	
	1	2	3	4	5	6	7	8	9	0		<b>* TOTALS</b>
Thymus	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
.....												
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cyst Epithelial Inclusion											X	<b>1</b>
.....												
<b>MUSCULOSKELETAL SYSTEM</b>												
Bone	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
.....												
<b>NERVOUS SYSTEM</b>												
Brain	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
.....												
<b>RESPIRATORY SYSTEM</b>												
Lung	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hemorrhage											2	<b>1 2.0</b>
Nose	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic				1								<b>1 1.0</b>

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 + .. Tissue examined microscopically  
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 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 40



TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 INDOLE-3-CARBINOL  
 CAS Number: 700-06-1

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

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	0	0
	9	9	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4	4	4
.....												
<b>FISCHER 344 RATS FEMALE</b>	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
<b>300 MG/KG</b>	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0		
												<b>* TOTALS</b>
Trachea	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
.....												
<b>SPECIAL SENSES SYSTEM</b>												
Eye	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Suppurative											2	<b>1 2.0</b>
.....												
<b>URINARY SYSTEM</b>												
Kidney	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy							1				1	<b>2 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\*\*\* 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

Page 41

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked