

**TDMS No.** 55801 - 07  
**Test Type:** ACUTE  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
**CAS Number:** 103-90-2  
**Pathologist:** KURTZ, F. - VASCONCELOS, D. (past)  
24HR-NIGHT

**Date Report Reqsted:** 01/11/2007  
**Time Report Reqsted:** 12:12:22  
**First Dose M/F:** 12/16/02 / NA  
**Lab:** BAT

**C Number:** C55801E

**Lock Date:** 09/30/2003

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

**Treatment Groups:** Include 003 0 MG/KG 24 HR-N      Include 007 50 MG/KG24 HR-N      Include 011 150MG/KG24 HR-N  
Include 015 1500MG/K24 HR-N      Include 019 2000MG/K24 HR-N

TDMS No. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0
	0	0	0	0	0	0
	2	2	2	2	2	2
.....						
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0
<b>0 MG/KG 24 HR-N</b>	1	1	1	1	1	1
	3	3	3	4	4	4
	1	2	3	3	4	5
						<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver, Left Lobe	+	+	+	+	+	+	<b>6</b>
Liver, Median Lobe	+	+	+	+	+	+	<b>6</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY 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  
 Page 2

TDMS No. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0
	0	0	0	0	0	0
	2	2	2	2	2	2
.....						
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0
<b>0 MG/KG 24 HR-N</b>	1	1	1	1	1	1
	3	3	3	4	4	4
	1	2	3	3	4	5
						<b>* TOTALS</b>

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney

.....  
 + + + + + +

6

\* .. 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. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0
	0	0	0	0	0	0
	2	2	2	2	2	2
.....						
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0
<b>50 MG/KG24 HR-N</b>	2	2	2	2	2	2
	3	3	3	4	4	4
	1	2	3	3	4	5
						<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver, Left Lobe	+	+	+	+	+	+	<b>6</b>
Liver, Median Lobe	+	+	+	+	+	+	<b>6</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY 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. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0
	0	0	0	0	0	0
	2	2	2	2	2	2
.....						
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0
<b>50 MG/KG24 HR-N</b>	2	2	2	2	2	2
	3	3	3	4	4	4
	1	2	3	3	4	5
						<b>* TOTALS</b>

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney

.....  
 + + + + + +

6

\* .. 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. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0
	0	0	0	0	0	0
	2	2	2	2	2	2
.....						
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0
<b>150MG/KG24 HR-N</b>	3	3	3	3	3	3
	3	3	3	4	4	4
	1	2	3	3	4	5
						<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver, Left Lobe	+	+	+	+	+	+	<b>6</b>
Liver, Median Lobe	+	+	+	+	+	+	<b>6</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY 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. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0
	0	0	0	0	0	0
	2	2	2	2	2	2
.....						
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0
<b>150MG/KG24 HR-N</b>	3	3	3	3	3	3
	3	3	3	4	4	4
	1	2	3	3	4	5
						<b>* TOTALS</b>

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney

.....  
 + + + + + +

6

\* .. 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. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	
	2	2	2	2	2	2	
.....							
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	
<b>1500MG/K24 HR-N</b>	4	4	4	4	4	4	
	3	3	3	4	4	4	
	1	2	3	3	4	5	
							<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver, Left Lobe	+	+	+	+	+	+	6	
Centrilobular, Necrosis	2	3	3	2	3	3		6 2.7
Hepatocyte, Hypertrophy				2	1	1		3 1.3
Sinusoid, Congestion	2	3	3	2	3	3		6 2.7
.....								
Liver, Median Lobe	+	+	+	+	+	+	6	
Centrilobular, Necrosis	3	3	3	2	3	3		6 2.8
Hepatocyte, Hypertrophy				2	1	1		3 1.3
Sinusoid, Congestion	3	3	3	2	3	3		6 2.8

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC 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. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	
	2	2	2	2	2	2	
.....							
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	
<b>1500MG/K24 HR-N</b>	4	4	4	4	4	4	
	3	3	3	4	4	4	
	1	2	3	3	4	5	<b>* TOTALS</b>

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	6
Renal Tubule, Necrosis				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  
 Page 9

TDMS No. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0
	0	0	0	0	0	0
	2	2	2	2	2	2
.....						
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0
<b>2000MG/K24 HR-N</b>	5	5	5	5	5	5
	3	3	3	4	4	4
	1	2	3	3	4	5
						<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver, Left Lobe	+	+	+	+	+	+	6	
Centrilobular, Infiltration Cellular, Mononuclear Cell						1		1 1.0
Centrilobular, Necrosis	2	2	2	2	3	1		6 2.0
Hepatocyte, Hypertrophy	2	1	1	2	2			5 1.6
Sinusoid, Congestion	2	1	2	2	2			5 1.8
.....								
Liver, Median Lobe	+	+	+	+	+	+	6	
Centrilobular, Infiltration Cellular, Mononuclear Cell	1							1 1.0
Centrilobular, Necrosis	2	3	3	3	3			5 2.8
Hepatocyte, Hypertrophy	2	1	1	2	2			5 1.6
Sinusoid, Congestion	2	2	2	3	2			5 2.2

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**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. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	
	2	2	2	2	2	2	
.....							
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	
<b>2000MG/K24 HR-N</b>	5	5	5	5	5	5	
	3	3	3	4	4	4	
	1	2	3	3	4	5	<b>* TOTALS</b>

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	6
Renal Tubule, Necrosis	2	1		1	2	2	<b>5 1.6</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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 55801 - 07  
 Test Type: ACUTE  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 ACETAMINOPHEN (4-HYDROXYACETANILIDE)  
 CAS Number: 103-90-2  
 Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007  
 Time Report Reqsted: 12:12:22  
 First Dose M/F: 12/16/02 / NA  
 Lab: BAT

		0	0	0	0	0	0
DAY ON TEST		0	0	0	0	0	0
		2	2	2	2	2	2
.....							
<b>FISCHER 344 RATS MALE</b>		0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0
<b>2000MG/K24 HR-N</b>		5	5	5	5	5	5
		3	3	3	4	4	4
		1	2	3	3	4	5
							<b>* TOTALS</b>

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

\*\*\* END OF REPORT \*\*\*

\* .. 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