

Experiment Number: 55801-07
Test Type: ACUTE
Route: GAVAGE
Species/Strain: Rat/F 344/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Acetaminophen (4-hydroxyacetanilide)

Date Report Requested: 10/20/2014
Time Report Requested: 15:35:54
First Dose M/F: NA / 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: All
Study Gender: Male
PWG Approval Date: NONE

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Date Report Requested: 10/20/2014
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 First Dose M/F: NA / NA
 Lab: BAT

F 344/N Rat MALE	0 MG/KG 6 HR-N	0 MG/KG 18 HR-N	0 MG/KG 24 HR-N	0 MG/KG 48 HR-N	50 MG/KG6 HR-N	50 MG/KG18 HR-N
Disposition Summary						
Animals Initially In Study	6	6	6	6	6	6
Early Deaths						
Survivors						
Terminal Sacrifice	6	6	6	6	6	6
Animals Examined Microscopically	6	6	6	6	6	6
ALIMENTARY SYSTEM						
Liver, Left Lobe	(6)	(6)	(6)	(6)	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl						
Centrilobular, Necrosis						
Hepatocyte, Degeneration						
Hepatocyte, Hypertrophy						
Hepatocyte, Regeneration						
Sinusoid, Congestion						
Liver, Median Lobe	(6)	(6)	(6)	(6)	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl						
Centrilobular, Necrosis						
Hepatocyte, Degeneration						
Hepatocyte, Hypertrophy						
Hepatocyte, Regeneration						
Sinusoid, Congestion						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM						

a - Number of animals examined microscopically at site and number of animals with lesion
 b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Experiment Number: 55801-07

Test Type: ACUTE

Route: GAVAGE

Species/Strain: Rat/F 344/N

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0 MG/KG 6 HR-N	0 MG/KG 18 HR-N	0 MG/KG 24 HR-N	0 MG/KG 48 HR-N	50 MG/KG6 HR-N	50 MG/KG18 HR-N
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(6)	(6)	(6)	(6)	(6)	(6)
Renal Tubule, Necrosis						

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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Test Compound: Acetaminophen (4-hydroxyacetanilide)

Date Report Requested: 10/20/2014
 Time Report Requested: 15:35:54
 First Dose M/F: NA / NA
 Lab: BAT

F 344/N Rat MALE	50 MG/KG24 HR-N	50 MG/KG48 HR-N	150MG/KG6HR-N	150MG/KG18 HR-N	150MG/KG24 HR-N	150MG/KG48 HR-N
Disposition Summary						
Animals Initially In Study	6	6	6	6	6	6
Early Deaths						
Survivors						
Terminal Sacrifice	6	6	6	6	6	6
Animals Examined Microscopically	6	6	6	6	6	6
ALIMENTARY SYSTEM						
Liver, Left Lobe	(6)	(6)	(6)	(6)	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl						
Centrilobular, Necrosis						
Hepatocyte, Degeneration						
Hepatocyte, Hypertrophy						
Hepatocyte, Regeneration						
Sinusoid, Congestion						
Liver, Median Lobe	(6)	(6)	(6)	(6)	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl						
Centrilobular, Necrosis						
Hepatocyte, Degeneration						
Hepatocyte, Hypertrophy						
Hepatocyte, Regeneration						
Sinusoid, Congestion						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM						

a - Number of animals examined microscopically at site and number of animals with lesion
 b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	50 MG/KG24 HR-N	50 MG/KG48 HR-N	150MG/KG6HR-N	150MG/KG18 HR-N	150MG/KG24 HR-N	150MG/KG48 HR-N
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(6)	(6)	(6)	(6)	(6)	(6)
Renal Tubule, Necrosis						

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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Date Report Requested: 10/20/2014
 Time Report Requested: 15:35:54
 First Dose M/F: NA / NA
 Lab: BAT

F 344/N Rat MALE	1500MG/K6 HR-N	1500MG/K18 HR-N	1500MG/K24 HR-N	1500MG/K48 HR-N	2000MG/K6 HR-N	2000MG/K18 HR-N
Disposition Summary						
Animals Initially In Study	6	6	6	6	6	6
Early Deaths						
Survivors						
Terminal Sacrifice	6	6	6	6	6	6
Animals Examined Microscopically	6	6	6	6	6	6
ALIMENTARY SYSTEM						
Liver, Left Lobe	(6)	(6)	(6)	(6)	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl				5 [2.0]	1 [1.0]	
Centrilobular, Necrosis	1 [1.0]	4 [1.8]	6 [2.7]	6 [2.2]	2 [1.0]	4 [1.8]
Hepatocyte, Degeneration		1 [1.0]		2 [1.0]		2 [1.0]
Hepatocyte, Hypertrophy			3 [1.3]			2 [1.0]
Hepatocyte, Regeneration				4 [2.0]		
Sinusoid, Congestion		2 [2.5]	6 [2.7]	3 [1.7]		4 [2.3]
Liver, Median Lobe	(6)	(6)	(6)	(6)	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl				5 [1.2]		
Centrilobular, Necrosis	2 [1.0]	4 [2.0]	6 [2.8]	6 [2.2]	3 [1.0]	4 [2.3]
Hepatocyte, Degeneration		1 [1.0]		2 [1.0]		2 [1.0]
Hepatocyte, Hypertrophy			3 [1.3]			1 [1.0]
Hepatocyte, Regeneration				3 [2.0]		
Sinusoid, Congestion		3 [2.3]	6 [2.8]	5 [1.6]		4 [2.8]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM						

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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F 344/N Rat MALE	1500MG/K6 HR-N	1500MG/K18 HR-N	1500MG/K24 HR-N	1500MG/K48 HR-N	2000MG/K6 HR-N	2000MG/K18 HR-N
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(6)	(6)	(6)	(6)	(6)	(6)
Renal Tubule, Necrosis			1 [2.0]	2 [1.0]		

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Date Report Requested: 10/20/2014

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	2000MG/K24 HR-N	2000MG/K48 HR-N
Disposition Summary		
Animals Initially In Study	6	6
Early Deaths		
Survivors		
Terminal Sacrifice	6	6
Animals Examined Microscopically	6	6

ALIMENTARY SYSTEM

Liver, Left Lobe	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl	1 [1.0]	6 [1.3]
Centrilobular, Necrosis	6 [2.0]	6 [2.3]
Hepatocyte, Degeneration		3 [1.7]
Hepatocyte, Hypertrophy	5 [1.6]	
Hepatocyte, Regeneration		3 [1.7]
Sinusoid, Congestion	5 [1.8]	4 [2.3]
Liver, Median Lobe	(6)	(6)
Centrilobular, Infiltration Cellular, Mononuclear Cl	1 [1.0]	6 [1.3]
Centrilobular, Necrosis	5 [2.8]	6 [2.3]
Hepatocyte, Degeneration		3 [1.7]
Hepatocyte, Hypertrophy	5 [1.6]	
Hepatocyte, Regeneration		4 [1.5]
Sinusoid, Congestion	5 [2.2]	4 [1.8]

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(0)	(1)
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GENERAL BODY SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	2000MG/K24 HR-N	2000MG/K48 HR-N
None		
GENITAL SYSTEM		
None		
HEMATOPOIETIC SYSTEM		
None		
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
None		
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Kidney	(6)	(6)
Renal Tubule, Necrosis	5 [1.6]	1 [1.0]

**** END OF REPORT ****

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)