

**Experiment Number:** 88036-99  
**Test Type:** 18-33 DAYS  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**

**Test Compound:** Anthraquinone  
**CAS Number:** 84-65-1

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 19:19:55  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**C Number:** C88036  
**Lock Date:** 03/29/1999  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** NONE

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F 344/N Rat MALE	0 PPM	469 PPM	938 PPM	3750 PPM
<b>Disposition Summary</b>				
Animals Initially In Study	20	20	20	20
Scheduled Sacrifice	10	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	10	10	10	10
Animals Examined Microscopically	10	10	10	10
<b>ALIMENTARY SYSTEM</b>				
Liver	(10)	(10)	(10)	(10)
Hepatodiaphragmatic Nodule		2 (20%)		1 (10%)
Hypertrophy		9 (90%)	10 (100%)	10 (100%)
<b>CARDIOVASCULAR SYSTEM</b>				
None				
<b>ENDOCRINE SYSTEM</b>				
None				
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
None				
<b>HEMATOPOIETIC SYSTEM</b>				
None				
<b>INTEGUMENTARY SYSTEM</b>				
None				
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				

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

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<b>F 344/N Rat MALE</b>	<b>0 PPM</b>	<b>469 PPM</b>	<b>938 PPM</b>	<b>3750 PPM</b>
None				
<b>RESPIRATORY SYSTEM</b>				
None				
<b>SPECIAL SENSES SYSTEM</b>				
None				
<b>URINARY SYSTEM</b>				
Kidney	(10)	(10)	(10)	(10)
Accumulation, Hyaline Droplet		10 (100%)	10 (100%)	10 (100%)
Nephropathy	3 (30%)	7 (70%)	9 (90%)	10 (100%)
Urinary Bladder	(10)	(10)	(10)	(10)

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

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**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>F 344/N Rat FEMALE</b>	<b>0 PPM</b>	<b>469 PPM</b>	<b>938 PPM</b>	<b>3750 PPM</b>
<b>Disposition Summary</b>				
<b>Animals Initially In Study</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
<b>Scheduled Sacrifice</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>Early Deaths</b>				
<b>Survivors</b>				
<b>Terminal Sacrifice</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>Animals Examined Microscopically</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>ALIMENTARY SYSTEM</b>				
Liver	(10)	(10)	(10)	(10)
Hepatodiaphragmatic Nodule				1 (10%)
Hypertrophy		3 (30%)	10 (100%)	10 (100%)
<b>CARDIOVASCULAR SYSTEM</b>				
None				
<b>ENDOCRINE SYSTEM</b>				
None				
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
None				
<b>HEMATOPOIETIC SYSTEM</b>				
None				
<b>INTEGUMENTARY SYSTEM</b>				
None				
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				

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

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<b>F 344/N Rat FEMALE</b>	<b>0 PPM</b>	<b>469 PPM</b>	<b>938 PPM</b>	<b>3750 PPM</b>
<hr/>				
None				
<hr/>				
RESPIRATORY SYSTEM				
None				
<hr/>				
SPECIAL SENSES SYSTEM				
None				
<hr/>				
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Accumulation, Hyaline Droplet		2 (20%)	6 (60%)	9 (90%)
Cyst	1 (10%)			
Nephropathy	3 (30%)	1 (10%)	1 (10%)	1 (10%)
Urinary Bladder	(10)	(10)	(10)	(10)

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