

**Experiment Number:** 10119 - 01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344/NCTR

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
Furan  
**CAS Number:** 110-00-9

**Date Report Requested:** 06/03/2014  
**Time Report Requested:** 08:43:51  
**First Dose M/F:** 09/07/09 / NA  
**Lab:** NCTR

60 Week

**NTP Study Number:** C10119

**Lock Date:** 06/02/2014

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

<b>Treatment Groups:</b>	Include 009 0 Vehicle 60 wk	Include 010 0.02 Furan 60 wk	Include 011 0.044 Furan 60wk
	Include 012 0.092 Furan 60wk	Include 013 0.2 Furan 60 wk	Include 014 0.44 Furan 60 wk
	Include 015 0.92 Furan 60 wk	Include 016 2 Furan 60 wk	

**Study Gender:** Male

**TDMSE Version:** 3.0.2.0\_001

**PWG Approval Date:** NONE

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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	0
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	4	2	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4
<b>0 Vehicle 60 wk</b>	2	3	2	2	2	2	0	2	2	2	2	0	2	2	2	2	2	2	2	2	2
<b>ANIMAL ID</b>	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	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4
	0	4	5	0	0	0	3	3	6	6	0	4	7	9	4	4	6	0	1	3	3
	2	5	8	2	7	9	2	5	3	5	0	4	9	1	4	5	0	7	5	0	0
	2	2	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	1	1	1	1
<b>* TOTALS</b>																					

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Intestine Large, Colon	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Intestine Large, Rectum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Intestine Small, Ileum	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Mesentery		+								+					+						4
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

**CARDIOVASCULAR SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

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FISCHER 344 RATS-NCTR RATS MALE 0 Vehicle 60 wk	DAY ON TEST																				ANIMAL ID	* TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	
	4	2	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	0		
	2	3	2	2	2	2	0	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	0	
	0	0	0	0	0	0	7	0	0	0	0	3	1	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	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	0	
	0	4	5	0	0	0	3	3	6	6	0	4	7	9	4	4	6	0	1	3	3	0	0	
	2	5	8	2	7	9	2	5	3	5	0	4	9	1	4	5	0	7	5	0	0	0	0	
	2	2	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	1	1	1	1	1	0	

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Schwannoma Malignant				X																		1

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Pars Distalis, Adenoma							X						X		X							3
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Carcinoma										X												1

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FISCHER 344 RATS-NCTR RATS MALE 0 Vehicle 60 wk	DAY ON TEST																				ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	4	2	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	0		
	2	3	2	2	2	2	0	2	2	2	2	0	2	2	2	2	2	2	2	2	2	0	
	0	0	0	0	0	0	7	0	0	0	0	3	1	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	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	0	
	0	4	5	0	0	0	3	3	6	6	0	4	7	9	4	4	6	0	1	3	0	0	
	2	5	8	2	7	9	2	5	3	5	0	4	9	1	4	5	0	7	5	0	0	0	
	2	2	1	1	1	1	1	2	1	1	2	2	1	1	1	1	2	1	1	1	1	0	
																						<b>* TOTALS</b>	

Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Interstitial Cell, Adenoma				X				X	X							X	X		X			<b>6</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Lymph Node		+																				<b>1</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	<b>19</b>
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>20</b>
Subcutaneous Tissue, Fibroma														X								<b>1</b>

**MUSCULOSKELETAL SYSTEM**

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 + .. Tissue examined microscopically  
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FISCHER 344 RATS-NCTR RATS MALE 0 Vehicle 60 wk	DAY ON TEST																				ANIMAL ID			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	
	4	2	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	0		
	2	3	2	2	2	2	0	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	0	
	0	0	0	0	0	0	7	0	0	0	0	3	1	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	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	0	
	0	4	5	0	0	0	3	3	6	6	0	4	7	9	4	4	6	0	1	3			0	
	2	5	8	2	7	9	2	5	3	5	0	4	9	1	4	5	0	7	5	0			2	
	2	2	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	1	1				2	
																						<b>* TOTALS</b>		
Bone																						+	1	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
Skeletal Muscle																						+	1	
<b>NERVOUS SYSTEM</b>																								
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
<b>RESPIRATORY SYSTEM</b>																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
<b>SPECIAL SENSES SYSTEM</b>																								
Eye	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		19
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		20
<b>URINARY SYSTEM</b>																								

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DAY ON TEST	FISCHER 344 RATS-NCTR RATS MALE																			ANIMAL ID																							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0																					
4	2	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	3	2	2	2	2	0	2	2	2	2	2	0	2	2	2	2	2	2	2	0	0	0	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4				
0	0	0	0	0	0	0	7	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4					
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4					
0	4	5	0	0	0	3	3	6	6	0	4	7	9	4	4	6	0	0	0	0	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4						
2	5	8	2	7	9	2	5	3	5	0	4	9	1	4	5	0	7	2	2	2	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4						
2	2	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	1	2	2	2	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4						
																																							<b>* TOTALS</b>				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20				
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20				
<b>SYSTEMIC LESIONS</b>																																											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20					

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		0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	4	4	4	4	4	4	4	4	2	4	2	4	2	4
		2	2	2	2	2	2	2	2	6	2	6	2	6	2
		0	0	0	0	1	0	0	0	7	1	7	1	7	1
	<b>0.02 Furan 60 wk</b>														
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	2	3	3	3	4	4	4	4	4	4	4
		1	3	8	1	0	3	7	3	4	6	4	6	4	6
		7	0	2	2	5	6	3	2	2	2	2	4	4	1
		1	1	2	1	2	1	2	1	2	2	2	4	1	1
<b>* TOTALS</b>															

### ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Mesentery														+	1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Acinar Cell, Adenoma	X														1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

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FISCHER 344 RATS-NCTR RATS MALE 0.02 Furan 60 wk	DAY ON TEST										ANIMAL ID			
	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 1	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 2 6 7				0 4 2 1
	0 1 1 7 1	0 1 3 0 1	0 1 8 2 2	0 2 1 2 1	0 3 0 5 2	0 3 3 6 1	0 3 7 3 2	0 4 3 3 1	0 4 4 2 2	0 4 4 2 2	0 4 6 2 4			<b>* TOTALS</b>
Blood Vessel	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>ENDOCRINE SYSTEM</b>														
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Pheochromocytoma Benign		X												<b>1</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Pars Distalis, Adenoma		X		X			X							<b>3</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>GENERAL BODY SYSTEM</b>														
NONE														
<b>GENITAL SYSTEM</b>														
Epididymis	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Adenoma		X												<b>1</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically



Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.02 Furan 60 wk	DAY ON TEST										ANIMAL ID			
	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 1	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 2 6 7				0 4 2 1
	0 1 1 7 1	0 1 3 0 1	0 1 8 2 2	0 2 1 2 1	0 3 0 5 2	0 3 3 6 1	0 3 7 3 2	0 4 3 3 1	0 4 4 2 2	0 4 4 2 2	0 4 6 2 4			
												<b>* TOTALS</b>		
Carcinoma	X											1		
Prostate	+ + + + + + + + + +											10		
Seminal Vesicle	+ + + + + + + + + +											10		
Testes	+ + + + + + + + + +											10		
Interstitial Cell, Adenoma	X X											2		
<b>HEMATOPOIETIC SYSTEM</b>														
Bone Marrow	+ + + + + + + + + +											10		
Lymph Node, Mandibular	+ + + + + + + + + +											10		
Lymph Node, Mesenteric	+ + + + + + + + + +											10		
Spleen	+ + + + + + + + + +											10		
Thymus	+ + + + + + + + + +											10		
<b>INTEGUMENTARY SYSTEM</b>														
Mammary Gland	+ + + + + + + + + +											10		
Skin	+ + + + + + + + + +											10		
<b>MUSCULOSKELETAL SYSTEM</b>														
Bone, Femur	+ + + + + + + + + +											10		

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS-NCTR RATS MALE</b>	4	4	4	4	4	4	4	4	2
<b>0.02 Furan 60 wk</b>	2	2	2	2	2	2	2	2	6	2
<b>ANIMAL ID</b>	0	0	0	0	1	0	0	0	7	1
	0	0	0	0	0	0	0	0	0	0
	1	1	1	2	3	3	3	4	4	4
	1	3	8	1	0	3	7	3	4	6
	7	0	2	2	5	6	3	2	2	4
	1	1	2	1	2	1	2	1	2	1
<b>* TOTALS</b>										

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**URINARY SYSTEM**

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

**SYSTEMIC LESIONS**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	4	4	4	4	4	4	4	4	2	4	
		2	2	2	2	2	2	2	2	6	2	
		0	0	0	0	1	0	0	0	7	1	
	<b>0.02 Furan 60 wk</b>											
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		1	1	1	2	3	3	3	4	4	4	
		1	3	8	1	0	3	7	3	4	6	
		7	0	2	2	5	6	3	2	2	4	
	1	1	2	1	2	1	2	1	2	1		
<b>* TOTALS</b>												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS-NCTR RATS MALE</b>		4	4	4	4	4	4	4	4	4
	<b>0.044 Furan 60wk</b>	2	2	2	2	2	2	2	2	2
		0	0	0	0	1	0	0	0	1
ANIMAL ID		0	0	0	0	0	0	0	0	0
		0	0	1	1	2	2	3	3	4
		0	8	2	7	0	9	6	8	4
		4	7	6	8	3	4	3	4	5
		2	1	2	2	1	1	1	1	3
<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>
Mesentery						+					<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.044 Furan 60wk	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
		4	4	4	4	4	4	4	4	4	4			
		2	2	2	2	2	2	2	2	2	2			
		0	0	0	0	0	1	0	0	0	1			
		0	0	0	0	0	0	0	0	0	0			
		0	0	1	1	2	2	3	3	4	4			
		0	8	2	7	0	9	6	8	4	5			
		4	7	6	8	3	4	3	4	5	3			
		2	1	2	2	1	1	1	1	1	2			
														<b>* TOTALS</b>
Blood Vessel		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Heart		+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>ENDOCRINE SYSTEM</b>														
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Pituitary Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Pars Distalis, Adenoma		X				X								<b>2</b>
Thyroid Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>GENERAL BODY SYSTEM</b>														
NONE														
<b>GENITAL SYSTEM</b>														
Epididymis		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Preputial Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Prostate		+	+	+	+	+	+	+	+	+	+			<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.044 Furan 60wk	DAY ON TEST										ANIMAL ID		* TOTALS
	0	0	0	0	0	0	0	0	0	0			
	4	4	4	4	4	4	4	4	4	4			
	2	2	2	2	2	2	2	2	2	2			
	0	0	0	0	0	1	0	0	0	1			
	0	0	0	0	0	0	0	0	0	0			
	0	0	1	1	2	2	3	3	4	4			
	0	8	2	7	0	9	6	8	4	5			
	4	7	6	8	3	4	3	4	5	3			
	2	1	2	2	1	1	1	1	1	2			
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+			10
Testes	+	+	+	+	+	+	+	+	+	+			10
Interstitial Cell, Adenoma							X						1
<b>HEMATOPOIETIC SYSTEM</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+			10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+			10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+			10
Spleen	+	+	+	+	+	+	+	+	+	+			10
Thymus	+	+	+	+	+	+	+	+	+	+			10
<b>INTEGUMENTARY SYSTEM</b>													
Mammary Gland	M	+	+	+	+	+	+	+	+	+			9
Skin	+	+	+	+	+	+	+	+	+	+			10
<b>MUSCULOSKELETAL SYSTEM</b>													
Bone, Femur	+	+	+	+	+	+	+	+	+	+			10
<b>NERVOUS SYSTEM</b>													
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+			10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.044 Furan 60wk	DAY ON TEST	0	0	0	0	0	0	0	0	0	ANIMAL ID		
		4	4	4	4	4	4	4	4	4			
		2	2	2	2	2	2	2	2	2			
		0	0	0	0	0	1	0	0	0			
		0	0	1	1	2	2	3	3	4			
		0	8	2	7	0	9	6	8	4			
		4	7	6	8	3	4	3	4	5			
		2	1	2	2	1	4	1	4	1			
													<b>* TOTALS</b>
Brain, Cerebellum		+	+	+	+	+	+	+	+	+			<b>10</b>
Brain, Cerebrum		+	+	+	+	+	+	+	+	+			<b>10</b>
<b>RESPIRATORY SYSTEM</b>													
Lung		+	+	+	+	+	+	+	+	+			<b>10</b>
Nose		+	+	+	+	+	+	+	+	+			<b>10</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>
<b>SYSTEMIC LESIONS</b>													
Multiple Organ		+	+	+	+	+	+	+	+	+			<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	4	4	4	3	4	4	4	4	4	4
		2	2	2	4	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	0	0
	<b>0.092 Furan 60wk</b>										
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	1	1	1	2	3	4	4	4
		2	9	2	5	6	3	1	0	2	5
		7	7	3	1	8	9	6	1	5	8
		2	1	2	1	1	1	1	2	1	2
<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>
Mesentery		+					+				<b>2</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically



Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.092 Furan 60wk	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	4	4	4	3	4	4	4	4	4	4
		2	2	2	4	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	1	1	1	2	3	4	4	4
		2	9	2	5	6	3	1	0	2	5
		7	7	3	1	8	9	6	1	5	8
		2	1	2	1	1	1	1	2	1	2
		<b>* TOTALS</b>									

Blood Vessel + + + + + + + + + + **10**

Heart + + + + + + + + + + **10**

**ENDOCRINE SYSTEM**

Adrenal Cortex + + + + + + + + + + **10**

Adrenal Medulla + + + + + + + + + + **10**

Islets, Pancreatic + + + + + + + + + + **10**

Parathyroid Gland + + + + + + + + + + **10**

Pituitary Gland + + + + + + + + + + **10**  
 Pars Distalis, Adenoma X **1**

Thyroid Gland + + + + + + + + + + **10**  
 C-cell, Adenoma X **1**

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis + + + + + + + + + + **10**

Preputial Gland + + + + + + + + + + **10**  
 Adenoma X **1**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.092 Furan 60wk	DAY ON TEST										ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0			
	4	4	4	3	4	4	4	4	4	4			
	2	2	2	4	2	2	2	2	2	2			
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	0	0	1	1	1	2	3	4	4	4			
	2	9	2	5	6	3	1	0	2	5			
	7	7	3	1	8	9	6	1	5	8			
	2	1	2	1	1	1	1	2	1	2			
	<b>* TOTALS</b>												
Prostate	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Testes	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Interstitial Cell, Adenoma			X					X	X			<b>3</b>	
<b>HEMATOPOIETIC SYSTEM</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Spleen	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Thymus	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
<b>INTEGUMENTARY SYSTEM</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Fibroadenoma				X								<b>1</b>	
Skin	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
<b>MUSCULOSKELETAL SYSTEM</b>													
Bone, Femur	+	+	+	+	+	+	+	+	+	+		<b>10</b>	

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS-NCTR RATS MALE</b>	4	4	4	3	4	4	4	4	4
<b>0.092 Furan 60wk</b>	2	2	2	4	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	1	2	3	4	4	4
	2	9	2	5	6	3	1	0	2	5
	7	7	3	1	8	9	6	1	5	8
	2	1	2	1	1	1	1	2	1	2
<b>* TOTALS</b>										

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**URINARY SYSTEM**

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

**SYSTEMIC LESIONS**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS            MALE</b>  <b>0.092 Furan 60wk</b>	DAY ON TEST	4	4	4	3	4	4	4	4	4	
		2	2	2	4	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
	0	0	1	1	1	2	3	4	4	4	
	2	9	2	5	6	3	1	0	2	5	
	7	7	3	1	8	9	6	1	5	8	
	2	1	2	1	1	1	1	2	1	2	
<b>* TOTALS</b>											
Multiple Organ		+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	4	4	4	1	4	4	4	4	4	4
		2	2	2	3	2	2	2	2	2	2
		0	0	0	1	0	0	1	0	0	1
	<b>0.2 Furan 60 wk</b>										
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	1	2	2	2	3	4	4
		3	3	5	9	0	5	6	5	1	2
		4	5	3	4	7	7	0	8	7	0
		2	1	1	2	2	2	1	2	1	1
<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>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------------	---	---	---	---	---	---	---	---	---	---	-----------

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.2 Furan 60 wk	DAY ON TEST										ANIMAL ID	
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	1	4	4	4	4	4	4		
	2	2	2	3	2	2	2	2	2	2		
	0	0	0	1	0	0	1	0	0	1		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	1	2	2	2	3	4	4		
	3	3	5	9	0	5	6	5	1	2		
	4	5	3	4	7	7	0	8	7	0		
	2	1	1	2	2	2	1	2	1	1		
												<b>* TOTALS</b>
Heart	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>ENDOCRINE SYSTEM</b>												
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+		<b>10</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>
C-cell, Adenoma									X			<b>1</b>
<b>GENERAL BODY SYSTEM</b>												
NONE												
<b>GENITAL SYSTEM</b>												
Epididymis	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+		<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.2 Furan 60 wk	DAY ON TEST										* TOTALS
	0 4 2 0	0 4 2 0	0 4 2 0	0 1 3 1	0 4 2 0	0 4 2 0	0 4 2 1	0 4 2 0	0 4 2 0	0 4 2 1	
	ANIMAL ID										
	0 0 3 4 2	0 0 3 5 1	0 0 5 3 1	0 1 9 4 2	0 2 0 7 2	0 2 5 7 2	0 2 6 0 1	0 3 5 8 2	0 4 1 7 1	0 4 2 0 1	
Testes	+	+	+	+	+	+	+	+	+	+	10
Interstitial Cell, Adenoma	X							X			2
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	M	+	+	+	+	+	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone, Femur	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle						+					1
<b>NERVOUS SYSTEM</b>											
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.2 Furan 60 wk	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		4	4	4	1	4	4	4	4	4	
		2	2	2	3	2	2	2	2	2	
		0	0	0	1	0	0	1	0	1	
		0	0	0	1	2	2	2	3	4	
		3	3	5	9	0	5	6	5	1	
		4	5	3	4	7	7	0	8	7	
		2	1	1	2	2	2	1	2	1	
		<b>* TOTALS</b>									
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	10
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Lung		+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	10
<b>SPECIAL SENSES SYSTEM</b>											
Eye		+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	10
<b>URINARY SYSTEM</b>											
Kidney		+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	10
<b>SYSTEMIC LESIONS</b>											
Multiple Organ		+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically



Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 60 wk	DAY ON TEST	0	0	0	0	0	0	0	0	0	ANIMAL ID		
		4	4	4	4	4	4	4	4	4			
		2	2	2	2	2	2	2	2	2			
		0	0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0	0			
		0	0	0	1	1	2	2	3	3	4		
		3	4	8	7	9	2	6	5	9	2		
		0	8	2	2	2	5	2	1	6	2		
		1	1	2	1	2	1	2	1	2	2		
<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>
Pancreas	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+		<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+		<b>10</b>
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\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 60 wk	DAY ON TEST										ANIMAL ID	
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4	4		
	2	2	2	2	2	2	2	2	2	2		
	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	2	3	3	4		
	3	4	8	7	9	2	6	5	9	2		
	0	8	2	2	2	5	2	1	6	2		
	1	1	2	1	2	1	2	1	2	2		
												<b>* TOTALS</b>
Heart	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>ENDOCRINE SYSTEM</b>												
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Pheochromocytoma Benign	X											<b>1</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Adenoma								X				<b>1</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Pars Distalis, Adenoma	X	X	X			X	X	X	X			<b>7</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>GENERAL BODY SYSTEM</b>												
NONE												
<b>GENITAL SYSTEM</b>												
Epididymis	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+		<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 60 wk	DAY ON TEST										* TOTALS
	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	1	1	2	2	3	3	4	
	3	4	8	7	9	2	6	5	9	2	
	0	8	2	2	2	5	2	1	6	2	
1	1	2	1	2	1	2	1	2	2		
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
Interstitial Cell, Adenoma					X						1
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone, Femur	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 60 wk	DAY ON TEST	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	4	4	4	4	4	4	4	4	4	4			
	2	2	2	2	2	2	2	2	2	2			
	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	2	3	3	4			
	3	4	8	7	9	2	6	5	9	2			
	0	8	2	2	2	5	2	1	6	2			
	1	1	2	1	2	1	2	1	2	2			<b>* TOTALS</b>
Brain, Cerebellum		+	+	+	+	+	+	+	+	+			<b>10</b>
Brain, Cerebrum		+	+	+	+	+	+	+	+	+			<b>10</b>
Brain, NOS										+			<b>1</b>
<b>RESPIRATORY SYSTEM</b>													
Lung		+	+	+	+	+	+	+	+	+			<b>10</b>
Nose		+	+	+	+	+	+	+	+	+			<b>10</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>
<b>SYSTEMIC LESIONS</b>													
Multiple Organ		+	+	+	+	+	+	+	+	+			<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

		0	0	0	0	0	0	0	0	0		
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	4	4	4	4	4	4	4	4	4		
		2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	1	0	0		
	<b>0.92 Furan 60 wk</b>											
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		0	0	0	0	1	1	2	2	3	4	
		1	7	7	8	0	8	2	4	9	0	
		4	0	8	0	6	7	0	3	0	4	
		1	1	2	1	2	1	2	2	1	4	
<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>
Leukemia Mononuclear				X							<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.92 Furan 60 wk	DAY ON TEST										ANIMAL ID	
	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 1	0 4 2 0		
	0 0 1 4 1	0 0 7 0 1	0 0 7 8 2	0 0 8 0 1	0 1 0 6 2	0 1 8 7 1	0 2 2 0 2	0 2 4 0 2	0 3 9 0 1	0 4 0 0 4		
	<b>* TOTALS</b>											
Heart	+	+	+	+	+	+	+	+	+	+		<b>10</b>
<b>ENDOCRINE SYSTEM</b>												
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+		<b>10</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>
<b>GENERAL BODY SYSTEM</b>												
NONE												
<b>GENITAL SYSTEM</b>												
Epididymis	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Adenoma						X						<b>1</b>
Prostate	+	+	+	+	+	+	+	+	+	+		<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+		<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.92 Furan 60 wk	DAY ON TEST										ANIMAL ID
	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	
	0	0	0	0	0	0	0	0	0	0	0 0 1 4 1
	4	4	4	4	4	4	4	4	4	4	0 0 7 0 1
	2	2	2	2	2	2	2	2	2	2	0 0 7 8 0
	0	0	0	0	0	0	0	1	0	0	0 1 8 6 2
											1 1 2 1 2
	<b>* TOTALS</b>										

Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Bilateral, Interstitial Cell, Adenoma			X								<b>1</b>
Interstitial Cell, Adenoma					X			X	X		<b>3</b>

### HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Leukemia Mononuclear				X							<b>1</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Leukemia Mononuclear				X							<b>1</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Leukemia Mononuclear				X							<b>1</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Leukemia Mononuclear				X							<b>1</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

### INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>

### MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------------	---	---	---	---	---	---	---	---	---	---	-----------

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS-NCTR RATS MALE</b>		4	4	4	4	4	4	4	4	4	4
		2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	1	0	0	0
	<b>0.92 Furan 60 wk</b>										
ANIMAL ID		0	0	0	0	0	0	0	0	0	
		0	0	0	0	1	1	2	2	3	4
		1	7	7	8	0	8	2	4	9	0
		4	0	8	0	6	7	0	3	0	4
		1	1	2	1	2	1	2	3	1	4
<b>* TOTALS</b>											

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Leukemia Mononuclear				X							<b>1</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**URINARY SYSTEM**

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

**SYSTEMIC LESIONS**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically



Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	4	4	4	4	4	4	4	4	4	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	1	0	
	<b>0.92 Furan 60 wk</b>										
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	1	1	2	2	3	
		1	7	7	8	0	8	2	4	9	
		4	0	8	0	6	7	0	3	0	
	1	1	2	1	2	1	2	2	1		
<b>* TOTALS</b>											
Multiple Organ		+	+	+	+	+	+	+	+	+	<b>10</b>
Leukemia Mononuclear					X						<b>1</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	DAY ON TEST	4	4	4	0	4	4	4	0	4	4
		2	2	2	1	2	2	2	2	2	2
		0	0	1	1	0	0	0	3	0	1
	<b>2 Furan 60 wk</b>										
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	2	2	3	3	3	3	
		1	1	9	1	3	4	4	7	8	
		8	9	3	5	2	1	3	6	6	
		1	1	2	1	2	2	2	1	2	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	A	+	+	<b>9</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	A	+	+	<b>9</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+	<b>9</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	<b>9</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+	<b>9</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 2 Furan 60 wk	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
		4	4	4	0	4	4	4	0	4	4			
		2	2	2	1	2	2	2	2	2	2			
		0	0	0	1	0	0	0	3	0	1			
		0	0	0	0	0	0	0	0	0	0			
		0	0	0	2	2	3	3	3	3	3			
		1	1	9	1	3	4	4	7	8	8			
		8	9	3	5	2	1	3	6	6	9			
		1	1	2	1	2	2	2	1	1	2			
														<b>* TOTALS</b>
Heart		+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>ENDOCRINE SYSTEM</b>														
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Pituitary Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Pars Distalis, Adenoma									X	X				<b>2</b>
Thyroid Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>GENERAL BODY SYSTEM</b>														
NONE														
<b>GENITAL SYSTEM</b>														
Epididymis		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Preputial Gland		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Prostate		+	+	+	+	+	+	+	+	+	+			<b>10</b>
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+			<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 2 Furan 60 wk	DAY ON TEST										ANIMAL ID
	0 4 2 0	0 4 2 0	0 4 2 0	0 4 1 1	0 4 2 0	0 4 2 0	0 4 2 0	0 4 2 0	0 4 3 0	0 4 2 0	
	0	0	0	0	0	0	0	0	0	0	0 0 1 8 1
	0	0	0	2	2	3	3	3	3	3	3 3 8 6 9
	1	1	9	1	3	4	4	7	8	8	8
	8	9	3	5	2	1	3	6	6	9	9
	1	1	2	1	2	2	2	1	1	2	2
	<b>* TOTALS</b>										

Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Interstitial Cell, Adenoma						X					<b>1</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

Experiment Number: 10119 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Furan  
 CAS Number: 110-00-9

Date Report Requested: 06/03/2014  
 Time Report Requested: 08:43:51  
 First Dose M/F: 09/07/09 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	4	4	4	0	4	4	4	0	4	4			
<b>FISCHER 344 RATS-NCTR RATS MALE</b>	2	2	2	1	2	2	2	2	2	2			
<b>2 Furan 60 wk</b>	0	0	0	1	0	0	0	3	0	0			
	0	0	0	2	2	3	3	3	3	3			
	1	1	9	1	3	4	4	7	8	8			
	8	9	3	5	2	1	3	6	6	9			
	1	1	2	1	2	2	2	1	1	2			
	<b>* TOTALS</b>												
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>RESPIRATORY SYSTEM</b>													
Lung	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Nose	+	+	+	+	+	+	+	+	+	+			<b>10</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>
<b>SYSTEMIC LESIONS</b>													
Multiple Organ	+	+	+	+	+	+	+	+	+	+			<b>10</b>

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

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically