Test Type: 14-DAY Test Compound: tert-Butyl hydroperoxide Route: GAVAGE **CAS Number:** 75-91-2 Species/Strain: Rat/F 344/N C Number: C20215B Not Entered. Lock Date: **Cage Range:** ΑII **Date Range:** ΑII **Reasons For Removal:** ΑII **Removal Date Range:** ΑII **Treatment Groups:** ΑII

Both

NONE

Experiment Number: 20215-01

Study Gender:

PWG Approval Date

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014
Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

	[
	DAY ON TEST	0	0	0	0	0			
F 344/N Rat Male		<i>1</i> 7	1 7	1 7	<i>1</i> 7	7			
0 MG/KG	ANIMAL ID	0	0	0	0	0			
		1	Ĭ	Ĭ	Ĭ	1			
		0 1	0	0 3	0 4	0 5	*TC	ЭТА	LS
Alimentary System					•	•			
Esophagus		+	+	+	+	+	5		
Liver		+	+	+	+	+	5		
Hematopoietic Cell Prolifer	ation		1					1	1.0
Inflammation		1	1			1		3	1.0
Stomach, Forestomach		+	+	+	+	+	5		
Stomach, Glandular		+	+	+	+	+	5		
Cardiavacaular System									

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + + + + 5

Integumentary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2 Route: GAVAGE

Species/Strain: Rat/F 344/N

F 344/N Rat Male

MG/KG

Test Type: 14-DAY

DAY ON TEST 0 0 0 0 0 0 *1 7 1 7 1 7 1 7* 0 0 1 0 0 0 ANIMAL ID Õ 0 1 0 5 1 1 1

0 1 0 2 0 3 0

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

Special Senses System

NONE

Urinary System

Kidney 5

Nephropathy 1 1.0

Urinary Bladder

M .. Missing tissue

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/21/2014

Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

X .. Lesion present

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344	/N	Rat	Male
22	M	G/K	G

DAY ON TEST	0 0 1	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
A N II N A A I I I I I I	0	0	0	0	0	
ANIMAL ID	Ö	Ö	Ö	Ö	Ö	
	1	1	1	1	1	
	0	0	0	0	1	
	6	7	8	9	0	

*TOTALS

5

Alimentary System

Stomach, Forestomach + + + + +

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344	/N I	Rat	Male
22	MC	3/K(G

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014
Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

		DAY ON TEST	0	0	(
E 2/	4/N Rat Male		0	0 1 7	
1 34	4/IN Nat Maie		1	1	١.
44	MG/KG		7	7	
		ANIMAL ID	0	0	
		AMINAL ID	0	0	1
					1

Alimentary System

 Stomach, Forestomach
 +
 +
 +
 +
 +
 5

 Hyperplasia
 1
 1
 1
 2
 1.0

 Inflammation
 1
 1
 1
 1.0

 Stomach, Glandular
 +
 +
 +
 +
 +
 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

I ..Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2 Route: GAVAGE

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F	344/N	Rat	Male
44	4 M	G/K	G

DAY ON TEST	0	0	0	n	O
37(1 011 1201	o	o	o	o	o
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	1	1	1	1	1
	1	1	1	1	1
	1	2	3	4	5

*TOTALS

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

A .. Autolysis precludes evaluation

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

Test Compound: tert-Butyl hydroperoxide **CAS Number:** 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

F 344/N Rat Male 88 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7			
	ANIMAL ID	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	*TC	ЭΤΑ	LS
Alimentary System									
Stomach, Forestomach		+	+	+	+	+	5		
Hyperplasia		1	2	2	3	1		5	1.8
Inflammation			1	1	3			3	1.7
Ulcer					2			1	2.0
Stomach, Glandular		+	+	+	+	+	5		
Inflammation			2					1	2.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

+ ..Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Time Report Requested: 05:27:15

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BAT

F 344	/N	Rat	Male
88	M	G/K	G

DAY ON TEST	0	0	0	0	0
	<i>1 7</i>	<i>1 7</i>	<i>1 7</i>	<i>1 7</i>	<i>1 7</i>
ANIMAL ID	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1
	1	1 7	1 8	1 9	2

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014
Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY

Route: GAVAGE

Test Compound: tert-Butyl hydroperoxide
CAS Number: 75-91-2

F 344/	N Rat	Male
175	MG/K	(G

Species/Strain: Rat/F 344/N

DAY ON TEST	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
	/	/	/	/	/	
ANIMAL ID	0	0	0	0	0	
AMINAL ID	0	0	0	0	0	
	1	1	1	1	1	
	2	2	2	2	2	
	1	2	3	4	5	

*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	5		
Periesoph Tiss, Inflammation					1		1	1.0
Liver	+	+	+	+	+	5		
Hematopoietic Cell Proliferation		1	1	1	1		4	1.0
Inflammation		1	1	1			3	1.0
Stomach, Forestomach	+	+	+	+	+	5		
Hyperplasia	3	2	2	1	3		5	2.2
Inflammation	3	2	1	1	1		5	1.6
Stomach, Glandular	+	+	+	+	+	5		
Inflammation	2	2	2		2		4	2.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 **Time Report Requested:** 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male 175 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 1 2 1	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	00125	*TOTALS
Hematopoietic System							

Thymus + + + + +

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	5		
Inflammation	1						1	1.0
Metaplasia, Osseous	1						1	1.0
Special Senses System								

NONE

Urinary System

Kidney	+	+	+	+	+	5		
Inflammation			1				1	1.0
Mineralization				1	1		2	1.0
Nephropathy				1	1		2	1.0

+ .. Tissue examined microscopically

M .. Missing tissue

A ..Autoly

1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

1-4 ..Lesion qualified as:

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

CAS Number: 75-91-2

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

	DAY ON TEST	0	0	0	0	0	
F 344/N Rat Male 175 MG/KG		0 1 7	0 1 7	0 1 7	0 1 7	0 1 7	
	ANIMAL ID	0	0	0 0	0	0	
		1	1	1	1	1	
		2 1	2	2	2 4	2 5	*TOTALS
Urinary Bladder		+	+	+	+	+	5

+ ..Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Time Report Requested: 05:27:15 First Dose M/F: NA / NA

Date Report Requested: 10/21/2014

Lab: BAT

F 344/N Rat Male	DAY ON TEST	0	0	0	0	0			
350 MG/KG		1 7	7	<i>1 7</i>	8	<i>1 7</i>			
330 WG/KG	ANIMAL ID	0 0 1 2 6	0 0 1 2	0 0 1 2	0 0 1 2	0 0 1 3	***	\ _ ^	1.0
Alimentary System		6	7	8	9	0	*TC	ЛΑ	LS
Annientary System									
Esophagus		+	+	+	+	+	5		
Hyperplasia		3				2		2	2.5
Inflammation		2		4		2		3	2.7
Necrosis				3				1	3.0
Ulcer				4				1	4.0
Liver		+	+	+	+	+	5		
Centrilobular, Degeneration	on	2						1	2.0
Hematopoietic Cell Prolife	ration	1						1	1.0
Inflammation			3	2				2	2.5
Necrosis				2				1	2.0
Stomach, Forestomach		+	+	+	+	+	5		
Hyperplasia		3	2	3	3	4		5	3.0
Inflammation		2		3	3	3		4	2.8
Serosa, Fibrosis						3		1	3.0
Ulcer		3		2	4	3		4	3.0
Stomach, Glandular		+	+	+	+	+	5		
Inflammation			2	1	2	1		4	1.5
Mineralization						1		1	1.0
Ulcer			3					1	3.0
Cardiovascular System									

Cardiovascular System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..}Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

70012

Lab: BAT

Date Report Requested: 10/21/2014

Time Report Requested: 05:27:15

First Dose M/F: NA / NA

F 344/	/N	Rat	Male
350	M	IG/K	G

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	0	1
	7	7	7	8	7
ANIMAL ID	0 0 1 2 6	0 0 1 2	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0

*TOTALS

5

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + +

Necrosis, Lymphoid 3 2 3 3 4 2.8

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung + + + + + 5

Bronchiole, Foreign Body 1 1 2 1.0

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male 350 MG/KG	DAY ON TEST	0 0 1 7 0 0 1 2 6	0 0 1 7 0 0 1 2 7	0 0 1 7 0 0 1 2 8	0 0 8 0 0 1 2 9	0 0 1 7 0 0 1 3 0	*TOTALS
Congestion			•	•	2		1 2.0
Inflammation		3		2		1	3 2.0
Special Senses System							
NONE							
Urinary System							
Kidney		+	+	+	+	+	5
Mineralization						1	1 1.0
Nephropathy			1			2	2 1.5
Renal Tubule, Necrosis		3					1 3.0
Urinary Bladder		+	+	+	+	+	5
							END OF MALE DATA

1-4 ..Lesion qualified as: 1) Minimal 3) Moderate

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..}Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

Experiment Number: 20215-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2 Route: GAVAGE

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

•									
	DAY ON TEST	0	0	0	0	0			
F 344/N Rat Female		0 1	0	0	0	$\begin{vmatrix} 0 \\ 1 \end{vmatrix}$			
0 MG/KG		7	7	7	7	7			
	ANIMAL ID	0	0	0	0	0			
		1 3	1 3	1 3	1 3	1 3			
		1	2	3	4	5	*TC	<u>ATC</u>	LS
Alimentary System									
Esophagus		+	+	+	+	+	5		
Liver		+	+	+	+	+	5		
Inflammation		1		1	1			3	1.0
Stomach, Forestomach		+	+	+	+	+	5		
Stomach, Glandular		+	+	+	+	+	5		
Glands, Cyst					1			1	1.0
Cardiovascular System									
NONE									
Endocrine System									
NONE									
General Body System									
NONE									

Hematopoietic System

Integumentary System

Genital System

NONE

Thymus

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

NONE

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide **CAS Number:** 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

First Dose M/F: NA / NA

Lab: BAT

Date Report Requested: 10/21/2014

Time Report Requested: 05:27:15

F	344/N Rat Female
0	MG/KG

DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1
	7	7	7	7	7
ANIMAL ID	0	0	0	00	0
	ĭ	Ĭ	Ĭ	ĭ	ĭ
	3	3	3	3	3 5
	1	2	3	4	5

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung + + + + +

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5		
Mineralization				1			1	1.0
Nephropathy			1				1	1.0
Urinary Bladder	+	+	+	+	+	5		

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344	N Rat Female
22	MG/KG

DAY ON TEST	0	0	0	0	0	
	<i>1 7</i>	<i>1 7</i>	<i>1 7</i>	<i>1 7</i>	1 7	
ANIMAL ID	0	0	0	0	0	
/ ((VIII VII	0	0	0	0	0	
	1	1	1	1	1	
	3	3	3	3	4	١.
	6	7	8	9	0	*

*TOTALS

Alimentary System

Stomach, Forestomach + + + + +

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Date Report Requested: 10/21/2014

Lab: BAT

F 344/N Rat Female MG/KG

DAY ON TEST	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	
	0	0	0	0	0	
	0 1	0	0	0 1	0 1	
	3 6	3	3	3	4	
	6	7	8	9	0	

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 44 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7			
	ANIMAL ID	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	*TC	OTA	LS
Alimentary System			•	•	•	•			
Stomach, Forestomach		+	+	+	+	+	5		
Hyperplasia		1		1	2	1		4	1.3
Inflammation					1			1	1.0
Stomach, Glandular		+	+	+	+	+	5		
0									

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

F 344/N Rat Female 44 MG/KG

DAY ON TEST	0	0	0	0	0
	1	1	1	1	1 7
ANIMAL ID	0	0	0	0	0
	1	1	1	1	1
	4	4	4 3	4	4 5

*TOTALS

NONE

Nervous System

NONE

Respiratory System

Lung + + + + +

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/21/2014

Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 88 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7			
	ANIMAL ID	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9	0 0 1 5 0	*TC	ЭΤΑ	LS
Alimentary System							•		
Stomach, Forestomach		+	+	+	+	+	5		
Hyperplasia		2	2	2	2	1		5	1.8
Inflammation		1	1	1	1	1		5	1.0
Stomach, Glandular		+	+	+	+	+	5		
Inflammation					1			1	1.0
Cardiovascular System									

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

+ ..Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

I ..Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2 Route: GAVAGE

Species/Strain: Rat/F 344/N

F 344/N Rat Female

MG/KG

Test Type: 14-DAY

DAY ON TEST

0 0 0 0 0 0 *1 7 1 7 1 7 1 7* 0 0 0 1 0 0 0 ANIMAL ID Õ Õ 1 5 0 1 1 1 4 4 4 8 4 9

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

2 1.0 Inflammation

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/21/2014

Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

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

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

F 344/	N Rat F	emale
175	MG/KG	}

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANUMALID	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
	1 1	2	3	4	5

*TOTALS

Alimentary System

+	+	+	+	+	5		
+	+	+	+	+	5		
1		1	1	1		4	1.0
+	+	+	+	+	5		
2	3	3	3	3		5	2.8
1	3	3	3	2		5	2.4
	1					1	1.0
+	+	+	+	+	5		
1	2		2			3	1.7
	+ 1 + 2 1	+ + + 1	+ + + + 1	+ + + + + + + + + + + + + + + + + + +	+ + + + + + + 1	+ + + + + 5 1	+ + + + + 5 1 1 1 1 1 4 + + + + + 5 5 2 3 3 3 3 5 1 3 3 3 2 5 1 + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 20215-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

F 344/N Rat Female

MG/KG

Test Type: 14-DAY

DAY ON TEST 0 0 0 0 0 0 *1 7 1 7 1 7 1 7* 0 0 0 0 0 ANIMAL ID Õ 0 0 1 5 2 1 1 1 1 5 1 5 3 5 5 5 *TOTALS

Integumentary System

NONE

Thymus

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung + + + + + 5
Inflammation 1 1 1.0
Special Senses System

NONE

Urinary System

 Kidney
 +
 +
 +
 +
 +
 +
 5

 Mineralization
 1
 1
 1
 2
 1.0

 Nephropathy
 1
 1
 1
 1
 1.0

 Urinary Bladder
 +
 +
 +
 +
 +
 5

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/21/2014

Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 350 MG/KG	AY ON TEST	0 0 1 7 0 0 1 5 6	0 0 1 7 0 0 1 5 7	0 0 1 7 0 0 1 5 8	0 0 1 7 0 0 1 5 9	0 0 1 7 0 0 1 6 0	*T(<u>ATC</u>	LS_
Alimentary System									
Esophagus		+	+	+	+	+	5		
Hyperplasia		1	1					2	1.0
Inflammation					4	4		2	4.0
Necrosis					4	3		2	3.5
Ulcer					4			1	4.0
Liver		+	+	+	+	+	5		
Hematopoietic Cell Proliferation	1					1		1	1.0
Inflammation			1		1			2	1.0
Stomach, Forestomach		+	+	+	+	+	5		
Hyperplasia		3	4	3	3	3		5	3.2
Inflammation		1	4	3	3	3		5	2.8
Ulcer		4	3	4	4	4		5	3.8
Stomach, Glandular		+	+	+	+	+	5		
Inflammation			2	2		3		3	2.3
Ulcer						4		1	4.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/21/2014 Time Report Requested: 05:27:16

First Dose M/F: NA / NA

Lab: BAT

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Rat/F 344/N

F 344/	N Rat	Female
350	MG/K	G

DAY ON TEST	0	0	0	0	0	
	1	1 7	1 7	1 7	1 7	
ANIMAL ID	0	0	0	0	0	
	1	1	1	1	1	
	5 6	5 7	5 8	5 9	6 0	,

*TOTALS

NONE

Genital System

NONE

Hematopoietic System

Thymus

Necrosis, Lymphoid 2 3.0

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

Inflammation 2 1.0

Special Senses System

NONE

Urinary System

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: tert-Butyl hydroperoxide

Route: GAVAGE **CAS Number:** 75-91-2

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Time Report Requested: 05:27:16

First Dose M/F: NA / NA

Date Report Requested: 10/21/2014

Lab: BAT

F 344/N Rat Female 350 MG/KG	DAY ON TEST		0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7			
	ANIMAL ID	0 0 1 5 6	0 0 1 5 7	0 0 1 5 8	0 0 1 5 9	0 0 1 6 0	*T()TA	LS_
Kidney		+	+	+	+	+	5		
Nephropathy				1	2	1		3	1.3
Urinary Bladder		+	+	+	+	+	5		

^{**} END OF REPORT **

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..}Tissue examined microscopically

M .. Missing tissue

X ..Lesion present