

**Experiment Number:** 20215-03  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** tert-Butyl hydroperoxide  
**CAS Number:** 75-91-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 04:23:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C20215
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 20215-03

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

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CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male**  
**0 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
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	0	0	0	0	0
	1	2	3	4	5
	*TOTALS				

**Alimentary System**

Liver	+	+	+	+	+	5		
Inflammation		1	1	1	1		4	1.0
Stomach, Forestomach	+	+	+	+	+	5		
Stomach, Glandular	+	+	+	+	+	5		
Infiltration Cellular, Mononuclear CI					2		1	2.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin	+	+	+	+	+	5		
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\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20215-03

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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**

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	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	0	0	0	0	0
	1	2	3	4	5
	*TOTALS				

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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Test Compound: tert-Butyl hydroperoxide  
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Date Report Requested: 10/20/2014  
Time Report Requested: 04:23:36  
First Dose M/F: NA / NA  
Lab: BAT

DAY ON TEST	
F 344/N Rat Male	
22 MG/KG	
ANIMAL ID	
*TOTALS	
<hr/>	
Alimentary System	
NONE	
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	

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Date Report Requested: 10/20/2014  
Time Report Requested: 04:23:36  
First Dose M/F: NA / NA  
Lab: BAT

DAY ON TEST	
F 344/N Rat Male	
22 MG/KG	
ANIMAL ID	
*TOTALS	
Respiratory System	
NONE	
Special Senses System	
NONE	
Urinary System	
NONE	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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Date Report Requested: 10/20/2014  
Time Report Requested: 04:23:36  
First Dose M/F: NA / NA  
Lab: BAT

DAY ON TEST	
F 344/N Rat Male	
44 MG/KG	
ANIMAL ID	
*TOTALS	
<hr/>	
Alimentary System	
NONE	
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	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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Time Report Requested: 04:23:36  
First Dose M/F: NA / NA  
Lab: BAT

DAY ON TEST	
F 344/N Rat Male	
44 MG/KG	
ANIMAL ID	
*TOTALS	
Respiratory System	
NONE	
Special Senses System	
NONE	
Urinary System	
NONE	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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Species/Strain: Rat/F 344/N

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Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male**  
**88 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
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	1	1	1	1	2
	6	7	8	9	0
	*TOTALS				

**Alimentary System**

Liver	+	+	+	+	+	5	
Inflammation	1	1		1		3	1.0
Stomach, Forestomach	+	+	+	+	+	5	
Stomach, Glandular	+	+	+	+	+	5	

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin	+	+	+	+	+	5	
------	---	---	---	---	---	---	--

**Musculoskeletal System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male**  
**88 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
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	1	1	1	1	2
	6	7	8	9	0
	*TOTALS				

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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Species/Strain: Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male**  
**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
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	2	2	2	2	2
	1	2	3	4	5
	*TOTALS				

**Alimentary System**

Liver	+	+	+	+	+	5		
Hematopoietic Cell Proliferation				1			1	1.0
Inflammation	1	1	1		1		4	1.0
Stomach, Forestomach	+	+	+	+	+	5		
Stomach, Glandular	+	+	+	+	+	5		

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin	+	+	+	+	+	5		
SOA Dermis, Inflammation	1	2	2	2	2		5	1.8

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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1-4 ..Lesion qualified as:

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Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male**  
**175 MG/KG**

F 344/N Rat Male 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		
ANIMAL ID		0	0	0	0	0	*TOTALS	
		0	0	0	0	0		
		1	1	1	1	1		
		2	2	2	2	2		
		1	2	3	4	5		
SOA Epidermis, Hyperkeratosis		1	2		2	2	4	1.8
SOA Epidermis, Hyperplasia		1	2	1	2	2	5	1.6
SOA Epidermis, Inflammation					1		1	1.0

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Species/Strain: Rat/F 344/N

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Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Female**  
**0 MG/KG**

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

**Alimentary System**

Liver	+	+	+	+	+	5		
Inflammation	1						1	1.0
Stomach, Forestomach	+	+	+	+	+	5		
Stomach, Glandular	+	+	+	+	+	5		

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin	+	+	+	+	+	5		
------	---	---	---	---	---	---	--	--

**Musculoskeletal System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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1-4 ..Lesion qualified as:

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Experiment Number: 20215-03

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Female**  
**0 MG/KG**

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

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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CAS Number: 75-91-2

Date Report Requested: 10/20/2014  
Time Report Requested: 04:23:36  
First Dose M/F: NA / NA  
Lab: BAT

DAY ON TEST	
F 344/N Rat Female	
22 MG/KG	
ANIMAL ID	
*TOTALS	
<hr/>	
Alimentary System	
NONE	
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	

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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

DAY ON TEST	
F 344/N Rat Female	
22 MG/KG	
ANIMAL ID	
*TOTALS	
Respiratory System	
NONE	
Special Senses System	
NONE	
Urinary System	
NONE	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Date Report Requested: 10/20/2014  
 Time Report Requested: 04:23:36  
 First Dose M/F: NA / NA  
 Lab: BAT

**F 344/N Rat Female**  
**44 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
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	3	3	3	3	4
	6	7	8	9	0
	*TOTALS				

#### Alimentary System

NONE

#### Cardiovascular System

NONE

#### Endocrine System

NONE

#### General Body System

NONE

#### Genital System

NONE

#### Hematopoietic System

NONE

#### Integumentary System

Skin + + + + + 5

#### Musculoskeletal System

NONE

#### Nervous System

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

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**44 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
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	3	3	3	3	4
	6	7	8	9	0
	*TOTALS				

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Female**  
**88 MG/KG**

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

**Alimentary System**

Liver	+	+	+	+	+	5		
Inflammation	1	1	1				3	1.0
Stomach, Forestomach	+	+	+	+	+	5		
Stomach, Glandular	+	+	+	+	+	5		

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin	+	+	+	+	+	5		
SOA Dermis, Inflammation	1						1	1.0
SOA Epidermis, Hyperplasia	1						1	1.0

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First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Female**  
**88 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
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	4	4	4	4	4
	1	2	3	4	5
	*TOTALS				

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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Species/Strain: Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:23:36

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Female  
175 MG/KG**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
ANIMAL ID	1	1	1	1	1
	7	7	7	7	7
	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	4	4	4	4	5
	6	7	8	9	0
*TOTALS					

**Alimentary System**

Liver	+	+	+	+	+	5		
Inflammation				1			1	1.0
Stomach, Forestomach	+	+	+	+	+	5		
Stomach, Glandular	+	+	+	+	+	5		

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin	+	+	+	+	+	5		
SOA Dermis, Inflammation	2	1	1	2	2		5	1.6
SOA Epidermis, Hyperkeratosis	2			1	2		3	1.7

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20215-03

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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**175 MG/KG**

F 344/N Rat Female 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		
		ANIMAL ID						
0	0	0	0	0	*TOTALS			
0	0	0	0	0				
1	1	1	1	1				
4	4	4	4	5				
6	7	8	9	0				
SOA Epidermis, Hyperplasia		2	1	1	1	2	5	1.4
SOA Epidermis, Inflammation						2	1	2.0

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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

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