

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

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 04:22:34  
**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

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Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:22:34

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
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
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Musculoskeletal System

NONE

\* ..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: 20215-03  
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Date Report Requested: 10/20/2014  
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First Dose M/F: NA / NA  
Lab: BAT

F 344/N Rat Male  
0 MG/KG

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				

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

\* ..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

DAY ON TEST

F 344/N Rat Male

22 MG/KG

ANIMAL ID

\*TOTALS

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 tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:22:35

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	
SYSTEMIC LESIONS	
Multiple Organ	0

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

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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: 04:22:35  
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 tumor  
+ ..Tissue examined microscopically  
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First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST	
F 344/N Rat Male	
44 MG/KG	
	ANIMAL ID
	*TOTALS
<hr/>	
Respiratory System	
NONE	
Special Senses System	
NONE	
Urinary System	
NONE	
SYSTEMIC LESIONS	
Multiple Organ	0

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..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: 04:22:35

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
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

NONE

\* ..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



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				

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:22:35

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
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**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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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				

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + +

5

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

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/20/2014

Time Report Requested: 04:22:35

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
	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	3
	6	7	8	9	0
	*TOTALS				

Alimentary System

Liver	+	+	+	+	+	5
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

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

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Date Report Requested: 10/20/2014

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First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Female**  
**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
	2	2	2	2	3
	6	7	8	9	0
	*TOTALS				

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

\* ..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

DAY ON TEST	
F 344/N Rat Female	
22 MG/KG	
ANIMAL ID	
*TOTALS	
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 tumor

+ ..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: 04:22:35

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	
SYSTEMIC LESIONS	
Multiple Organ	0

\* ..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

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 tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically



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				

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

\* ..Total animals with tissue examined microscopically; Total animals with tumor

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Test Compound: tert-Butyl hydroperoxide

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Date Report Requested: 10/20/2014

Time Report Requested: 04:22:35

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				

Alimentary System

Liver	+	+	+	+	+	5
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

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

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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 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				

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

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Date Report Requested: 10/20/2014

Time Report Requested: 04:22:35

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
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

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

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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 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
	0	0	0	0	0
	1	1	1	1	1
	4	4	4	4	5
	6	7	8	9	0
	*TOTALS				

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + +

5

\*\* END OF REPORT \*\*

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

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