

Experiment Number: 20215-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
Test Compound: tert-Butyl hydroperoxide
CAS Number: 75-91-2

Date Report Requested: 10/21/2014
Time Report Requested: 05:21:09
First Dose M/F: NA / NA
Lab: BAT

C Number:	C20215B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 20215-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/21/2014

Time Report Requested: 05:21:09

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	22	MG/KG	44	MG/KG	88	MG/KG	175	MG/KG	350	MG/KG
Disposition Summary												
Animals Initially In Study	5		5		5		5		5		5	
Early Deaths												
Moribund Sacrifice											1	
Survivors												
Natural Death											1	
Terminal Sacrifice	5		5		5		5		5		3	
Animals Examined Microscopically	5		5		5		5		5		5	
ALIMENTARY SYSTEM												
Esophagus	(5)		(0)		(0)		(0)		(5)		(5)	
Hyperplasia											2 (40%)	
Inflammation											3 (60%)	
Necrosis											1 (20%)	
Periesoph Tiss, Inflammation									1 (20%)			
Ulcer											1 (20%)	
Liver	(5)		(0)		(0)		(0)		(5)		(5)	
Centrilobular, Degeneration											1 (20%)	
Hematopoietic Cell Proliferation	1 (20%)								4 (80%)		1 (20%)	
Inflammation	3 (60%)								3 (60%)		2 (40%)	
Necrosis											1 (20%)	
Stomach, Forestomach	(5)		(5)		(5)		(5)		(5)		(5)	
Hyperplasia					2 (40%)		5 (100%)		5 (100%)		5 (100%)	
Inflammation					1 (20%)		3 (60%)		5 (100%)		4 (80%)	
Serosa, Fibrosis											1 (20%)	
Ulcer							1 (20%)				4 (80%)	
Stomach, Glandular	(5)		(0)		(5)		(5)		(5)		(5)	
Inflammation							1 (20%)		4 (80%)		4 (80%)	
Mineralization											1 (20%)	
Ulcer											1 (20%)	

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

Experiment Number: 20215-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/21/2014

Time Report Requested: 05:21:09

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	22	MG/KG	44	MG/KG	88	MG/KG	175	MG/KG	350	MG/KG
CARDIOVASCULAR SYSTEM												
None												
ENDOCRINE SYSTEM												
None												
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
None												
HEMATOPOIETIC SYSTEM												
Thymus	(5)		(0)		(0)		(0)		(5)		(5)	
Necrosis, Lymphoid											4 (80%)	
INTEGUMENTARY SYSTEM												
None												
MUSCULOSKELETAL SYSTEM												
None												
NERVOUS SYSTEM												
None												
RESPIRATORY SYSTEM												
Lung	(5)		(0)		(0)		(5)		(5)		(5)	
Bronchiole, Foreign Body											2 (40%)	
Congestion											1 (20%)	
Inflammation									1 (20%)		3 (60%)	
Metaplasia, Osseous									1 (20%)			
SPECIAL SENSES SYSTEM												
None												

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

Experiment Number: 20215-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/21/2014

Time Report Requested: 05:21:09

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	22	MG/KG	44	MG/KG	88	MG/KG	175	MG/KG	350	MG/KG
URINARY SYSTEM												
Kidney	(5)		(0)		(0)		(0)		(5)		(5)	
Inflammation									1 (20%)			
Mineralization									2 (40%)		1 (20%)	
Nephropathy	1 (20%)								2 (40%)		2 (40%)	
Renal Tubule, Necrosis											1 (20%)	
Urinary Bladder	(5)		(0)		(0)		(0)		(5)		(5)	

END OF MALE DATA

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

Experiment Number: 20215-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/21/2014

Time Report Requested: 05:21:09

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat FEMALE	0	MG/KG	22	MG/KG	44	MG/KG	88	MG/KG	175	MG/KG	350	MG/KG
Disposition Summary												
Animals Initially In Study	5		5		5		5		5		5	
Early Deaths												
Survivors												
Terminal Sacrifice	5		5		5		5		5		5	
Animals Examined Microscopically	5		5		5		5		5		5	
ALIMENTARY SYSTEM												
Esophagus	(5)		(0)		(0)		(0)		(5)		(5)	
Hyperplasia											2 (40%)	
Inflammation											2 (40%)	
Necrosis											2 (40%)	
Ulcer											1 (20%)	
Liver	(5)		(0)		(0)		(0)		(5)		(5)	
Hematopoietic Cell Proliferation											1 (20%)	
Inflammation	3 (60%)								4 (80%)		2 (40%)	
Stomach, Forestomach	(5)		(5)		(5)		(5)		(5)		(5)	
Hyperplasia					4 (80%)		5 (100%)		5 (100%)		5 (100%)	
Inflammation					1 (20%)		5 (100%)		5 (100%)		5 (100%)	
Ulcer									1 (20%)		5 (100%)	
Stomach, Glandular	(5)		(0)		(5)		(5)		(5)		(5)	
Glands, Cyst	1 (20%)											
Inflammation							1 (20%)		3 (60%)		3 (60%)	
Ulcer											1 (20%)	
CARDIOVASCULAR SYSTEM												
None												
ENDOCRINE SYSTEM												
None												
GENERAL BODY SYSTEM												

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

Experiment Number: 20215-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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

Test Compound: tert-Butyl hydroperoxide

CAS Number: 75-91-2

Date Report Requested: 10/21/2014

Time Report Requested: 05:21:09

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat FEMALE	0	MG/KG	22	MG/KG	44	MG/KG	88	MG/KG	175	MG/KG	350	MG/KG
None												
GENITAL SYSTEM												
None												
HEMATOPOIETIC SYSTEM												
Thymus	(5)		(0)		(0)		(0)		(5)		(5)	
Necrosis, Lymphoid											2 (40%)	
INTEGUMENTARY SYSTEM												
None												
MUSCULOSKELETAL SYSTEM												
None												
NERVOUS SYSTEM												
None												
RESPIRATORY SYSTEM												
Lung	(5)		(0)		(5)		(5)		(5)		(5)	
Inflammation							2 (40%)		1 (20%)		2 (40%)	
SPECIAL SENSES SYSTEM												
None												
URINARY SYSTEM												
Kidney	(5)		(0)		(0)		(0)		(5)		(5)	
Mineralization	1 (20%)								2 (40%)			
Nephropathy	1 (20%)								1 (20%)		3 (60%)	
Urinary Bladder	(5)		(0)		(0)		(0)		(5)		(5)	

**** END OF REPORT ****

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