

TDMs No. 99019 - 03

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 10/15/2008

Test Type: 90-DAY

Triethylamine

Time Report Requested: 07:47:08

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 121-44-8

First Dose M/F: 01/20/03 / 01/21/03

Species/Strain: RATS/F 344/N

Lab: BNW

F1_Rev.1_R2

C Number: C99019
Lock Date: 09/16/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.0.0

Test Type: 90-DAY

Triethylamine

Time Report Requested: 07:47:08

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 121-44-8

First Dose M/F: 01/20/03 / 01/21/03

Species/Strain: RATS/F 344/N

Lab: BNW

FISCHER 344 RATS MALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Clear Cell Focus					1	
Hepatodiaphragmatic Nodule		3	4			1
Inflammation				2 [1.0]		
Bile Duct, Hyperplasia, Focal			1 [2.0]			
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Suppurative	1 [1.0]					
HEMATOPOIETIC SYSTEM						

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Test Type: 90-DAY

Triethylamine

Time Report Requested: 07:47:08

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 121-44-8

First Dose M/F: 01/20/03 / 01/21/03

Species/Strain: RATS/F 344/N

Lab: BNW

FISCHER 344 RATS MALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Lymph Node, Mediastinal Ectasia	(7) 1 [2.0]	(0)	(0)	(0)	(0)	(2)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell Inflammation		3 [1.0]		1 [1.0] 1 [2.0]		
Glands, Inflammation, Suppurative Squamous Epithelium, Metaplasia		1 [1.0]		1 [2.0]	1 [1.0]	
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Focal Metaplasia, Osseous	2 [1.0]		2 [1.0]	1 [2.0] 2 [1.0]	1 [1.0]	
Alveolar Epithelium, Hyperplasia	1 [1.0]					
Alveolar Epithelium, Infiltration Cellular, Polymorphonuclear	1 [1.0]					
Alveolus, Infiltration Cellular, Histiocyte	4 [1.0]	5 [1.0]	3 [1.0]	2 [1.0]	6 [1.0]	6 [1.0]
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Olfactory Epithelium, Atrophy				10 [1.6]	10 [2.2]	10 [2.6]
Respiratory Epithelium, Degeneration, Hyaline						3 [1.0]
Respiratory Epithelium, Hyperplasia		3 [1.0]	9 [1.2]	9 [1.2]	10 [1.7]	10 [2.7]

SPECIAL SENSES SYSTEM

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Test Type: 90-DAY

Triethylamine

Time Report Requested: 07:47:08

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 121-44-8

First Dose M/F: 01/20/03 / 01/21/03

Species/Strain: RATS/F 344/N

Lab: BNW

FISCHER 344 RATS MALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Harderian Gland Infiltration Cellular, Mononuclear Cell	(10) 1 [1.0]	(0)	(0)	(0)	(1) 1 [3.0]	(10) 1 [1.0]
URINARY SYSTEM						
Kidney Nephropathy Renal Tubule, Cyst	(10) 1 [1.0]	(10)	(10) 1 [1.0]	(10) 1	(10) 1 [1.0]	(10)

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion
b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Test Type: 90-DAY

Triethylamine

Time Report Requested: 07:47:08

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 121-44-8

First Dose M/F: 01/20/03 / 01/21/03

Species/Strain: RATS/F 344/N

Lab: BNW

FISCHER 344 RATS FEMALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Intestine Small, Jejunum	(10)	(10)	(10)	(10)	(10)	(10)
Serosa, Inflammation, Chronic		1 [1.0]				
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hepatodiaphragmatic Nodule	1			1	1 [1.0]	2
Inflammation	1 [1.0]		2 [1.0]	2 [1.0]	1 [1.0]	1 [1.0]
Inflammation, Chronic		1 [1.0]				
Serosa, Fibrosis					1 [1.0]	
Mesentery	(0)	(0)	(2)	(1)	(0)	(0)
Fat, Necrosis, Chronic			2 [2.0]	1 [2.0]		
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 [1.0]					
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(10)
Cyst						1
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(1)	(10)
Pericardium, Fibrosis					1 [2.0]	
Pericardium, Infiltration Cellular, Mononuclear Cell					1 [1.0]	
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Test Type: 90-DAY

Triethylamine

Time Report Requested: 07:47:08

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 121-44-8

First Dose M/F: 01/20/03 / 01/21/03

Species/Strain: RATS/F 344/N

Lab: BNW

FISCHER 344 RATS FEMALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
None						
GENITAL SYSTEM						
Ovary	(10)	(0)	(1)	(1)	(1)	(10)
Metaplasia, Lipocyte	1 [1.0]					
Periovarian Tissue, Cyst			1	1	1	1
HEMATOPOIETIC SYSTEM						
Lymph Node	(0)	(1)	(0)	(1)	(1)	(0)
Pancreatic, Hyperplasia, Histiocytic		1 [1.0]		1 [2.0]	1 [2.0]	
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(9)	(10)	(10)	(10)	(10)	(10)
Granuloma				1 [1.0]		
Infiltration Cellular, Mononuclear Cell		1 [1.0]	1 [1.0]			
Inflammation		1 [2.0]				
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Focal						1 [1.0]
Metaplasia, Osseous						1 [1.0]
Mineralization						1 [1.0]
Alveolar Epithelium, Hyperplasia	1 [4.0]					
Alveolus, Infiltration Cellular, Histiocyte	2 [1.0]	1 [1.0]	4 [1.0]	4 [1.0]	7 [1.0]	7 [1.1]

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Test Type: 90-DAY

Triethylamine

Time Report Requested: 07:47:08

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 121-44-8

First Dose M/F: 01/20/03 / 01/21/03

Species/Strain: RATS/F 344/N

Lab: BNW

FISCHER 344 RATS FEMALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Foreign Body	1					
Inflammation, Chronic				1 [1.0]	2 [1.0]	
Olfactory Epithelium, Atrophy			4 [1.0]	10 [1.9]	10 [2.5]	10 [2.9]
Respiratory Epithelium, Degeneration, Hyaline					1 [1.0]	
Respiratory Epithelium, Hyperplasia		3 [1.0]	9 [1.1]	10 [1.7]	10 [2.4]	10 [2.7]
Pleura	(0)	(0)	(0)	(0)	(1)	(0)
Hyperplasia					1 [1.0]	
Inflammation, Chronic					1 [3.0]	
SPECIAL SENSES SYSTEM						
Eye	(10)	(10)	(10)	(10)	(10)	(10)
Cataract						1 [1.0]
Cornea, Edema						1 [2.0]
Cornea, Inflammation						1 [2.0]
Cornea, Mineralization						2 [1.0]
Retina, Dysplasia			1 [1.0]			1 [2.0]
Retina, Hypoplasia					2 [2.0]	
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					3 [1.0]
URINARY SYSTEM						
None						

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion
 b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)