

**Experiment Number:** 99019 - 03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
Triethylamine  
**CAS Number:** 121-44-8

**Date Report Requested:** 01/05/2017  
**Time Report Requested:** 11:01:43  
**First Dose M/F:** 01/20/03 / 01/21/03  
**Lab:** BNW

Revised Final 2 \_R2

**NTP Study 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:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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DAY ON TEST		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
	<hr/>										
<b>CONTROL</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	I	+	+	+	+	+	<b>9</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**ENDOCRINE 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  
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 BLANK .. Not examined microscopically

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

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FISCHER 344 RATS MALE CONTROL	DAY ON TEST										ANIMAL ID			
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3				
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	1	0			
	1	2	3	4	5	6	7	8	9	0				<b>* TOTALS</b>
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Parathyroid Gland	+	+	M	+	+	+	+	+	M	+				<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>GENERAL BODY SYSTEM</b>														
NONE														
<b>GENITAL SYSTEM</b>														
Epididymis	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Inflammation, Suppurative	1													<b>1 1.0</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>HEMATOPOIETIC SYSTEM</b>														

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FISCHER 344 RATS MALE CONTROL	DAY ON TEST										ANIMAL ID			
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3				
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	1	0			
	1	2	3	4	5	6	7	8	9	0				<b>* TOTALS</b>
Bone Marrow	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Lymph Node, Bronchial	M	M	M	M	M	M	M	M	M	M				<b>0</b>
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M				<b>0</b>
Lymph Node, Mediastinal Ectasia	+	M	+	+	M	M	+	+	+	+				<b>7</b> <b>1 2.0</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>INTEGUMENTARY SYSTEM</b>														
Mammary Gland	+	+	M	M	+	+	+	+	+	M				<b>7</b>
Skin	+	+	+	+	+	+	+	+	+	+				<b>10</b>
<b>MUSCULOSKELETAL SYSTEM</b>														
Bone	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Skeletal Muscle									+					<b>1</b>
<b>NERVOUS SYSTEM</b>														
Brain	+	+	+	+	+	+	+	+	+	+				<b>10</b>

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
<b>CONTROL</b>	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Metaplasia, Osseous		1		1							<b>2 1.0</b>
Alveolar Epithelium, Hyperplasia						1					<b>1 1.0</b>
Alveolar Epithelium, Infiltration Cellular, Polymorphonuclear						1					<b>1 1.0</b>
Alveolus, Infiltration Cellular, Histiocyte	1		1	1						1	<b>4 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SPECIAL SENSES SYSTEM**

Eye	+	I	+	+	+	+	+	+	+	+	<b>9</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Infiltration Cellular, Mononuclear Cell							1				<b>1 1.0</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy						1					<b>1 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
	<hr/>										
<b>12.5 PPM</b>	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	I	+	+	+	+	+	+	+	+	<b>9</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule	X						X		X		<b>3</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

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<b>FISCHER 344 RATS MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9
<b>12.5 PPM</b>	ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3
		0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	0	0	0	1	0
		1	2	3	4	5	6	7	8	9	0			
<b>* TOTALS</b>														

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Infiltration Cellular, Mononuclear Cell		1	1							1	<b>3 1.0</b>
Squamous Epithelium, Metaplasia										1	<b>1 1.0</b>
Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Alveolus, Infiltration Cellular, Histiocyte				1	1	1	1	1			<b>5 1.0</b>

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		0	0	0	0	0	0	0	0	0	
DAY ON TEST		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE		9	9	9	9	9	9	9	9	9	
12.5 PPM		3	3	3	3	3	3	3	3	3	
ANIMAL ID		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											
Nose		+	+	+	+	+	+	+	+	+	<b>10</b>
Respiratory Epithelium, Hyperplasia		1				1				1	<b>3 1.0</b>
Trachea		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>URINARY SYSTEM</b>											
Kidney		+	+	+	+	+	+	+	+	+	<b>10</b>

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0	
<b>25 PPM</b>	9	9	9	9	9	9	9	9	9	9	
<b>ANIMAL ID</b>	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule	X		X				X			X	<b>4</b>
Bile Duct, Hyperplasia, Focal			2								<b>1 2.0</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

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<b>FISCHER 344 RATS MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
<b>25 PPM</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	4	
		0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Metaplasia, Osseous	1			1							<b>2 1.0</b>
Alveolus, Infiltration Cellular, Histiocyte	1						1		1		<b>3 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS MALE	3	3	3	3	3	3	3	3	3	3	
25 PPM											
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	* TOTALS
Respiratory Epithelium, Hyperplasia	2	1	1	1		1	1	1	2	1	9 1.2
Trachea	+	+	+	+	+	+	+	+	+	+	10
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+	+	10
<b>URINARY SYSTEM</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy						1					1 1.0

\* .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS MALE	3	3	3	3	3	3	3	3	3	3	
50 PPM											
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	6	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	* TOTALS

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+		+	+	+	+	+	+	9
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation	1				1						2 1.0
Stomach, Forestomach	+	+	+		+	+	+	+	+	+	9
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

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 + .. Tissue examined microscopically  
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 2) Mild 4) Marked

Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

<b>FISCHER 344 RATS MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9
<b>50 PPM</b>	ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		6	6	6	6	6	6	6	6	6	6	6	6	6	6
		0	0	0	0	0	0	0	0	0	0	0	0	1	0
		1	2	3	4	5	6	7	8	9	0				
<b>* TOTALS</b>															

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+					<b>10</b>		
Infiltration Cellular, Mononuclear Cell				1												<b>1</b>	<b>1.0</b>
Inflammation									2							<b>1</b>	<b>2.0</b>
Squamous Epithelium, Metaplasia									2							<b>1</b>	<b>2.0</b>
Lung	+	+	+	+	+	+	+	+	+	+					<b>10</b>		
Inflammation, Focal			2													<b>1</b>	<b>2.0</b>

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 M .. Missing tissue  
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1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
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Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

		0	0	0	0	0	0	0	0	0	
DAY ON TEST		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE		9	9	9	9	9	9	9	9	9	
50 PPM		3	3	3	3	3	3	3	3	3	
ANIMAL ID		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											
Metaplasia, Osseous					1			1			2 1.0
Alveolus, Infiltration Cellular, Histiocyte					1		1				2 1.0
Nose		+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Atrophy		1	2	1	1	2	2	2	1	2	10 1.6
Respiratory Epithelium, Hyperplasia		2	1	1	2	1		1	1	1	9 1.2
Trachea		+	+	+	+	+	+	+	+	+	10
<b>SPECIAL SENSES SYSTEM</b>											
Eye		+	+	+	+	+	+	+	+	+	10
Retina, Degeneration				2							1 2.0
<b>URINARY SYSTEM</b>											
Kidney		+	+	+	+	+	+	+	+	+	10
Renal Tubule, Cyst							X				1

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 + .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0
<b>100 PPM</b>	9	9	9	9	9	9	9	9	9	9
<b>ANIMAL ID</b>	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Clear Cell Focus							X				<b>1</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY 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:  
 1) Minimal 3) Moderate  
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Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

<b>FISCHER 344 RATS MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
<b>100 PPM</b>	ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0								
<b>* TOTALS</b>																			

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	+								<b>10</b>			
Glands, Inflammation, Suppurative												1									<b>1 1.0</b>	
Lung	+	+	+	+	+	+	+	+	+	+	+									<b>10</b>		
Metaplasia, Osseous												1									<b>1 1.0</b>	
Alveolus, Infiltration Cellular, Histiocyte	1	1			1		1		1		1	1									<b>6 1.0</b>	

\* .. 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: 99019 - 03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Triethylamine

CAS Number: 121-44-8

Date Report Requested: 01/05/2017

Time Report Requested: 11:01:43

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

Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
<b>FISCHER 344 RATS MALE</b>	3	3	3	3	3	3	3	3	3	3			
<b>100 PPM</b>	0	0	0	0	0	0	0	0	0	0			
	8	8	8	8	8	8	8	8	8	8			
	0	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0			
												<b>* TOTALS</b>	
Nose	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Olfactory Epithelium, Atrophy	2	3	2	2	2	3	2	2	2	2			<b>10 2.2</b>
Respiratory Epithelium, Hyperplasia	2	1	1	1	2	2	2	2	2	2			<b>10 1.7</b>
Trachea	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
<b>SPECIAL SENSES SYSTEM</b>													
Eye	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Cornea, Mineralization										1			<b>1 1.0</b>
Harderian Gland										+		<b>1</b>	
Infiltration Cellular, Mononuclear Cell										3			<b>1 3.0</b>
<b>URINARY SYSTEM</b>													
Kidney	+	+	+	+	+	+	+	+	+	+		<b>10</b>	
Nephropathy										1			<b>1 1.0</b>

\* .. 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

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS MALE</b>	0	0	0	0	0	0	0	0	0
<b>200 PPM</b>	9	9	9	9	9	9	9	9	9	9
<b>ANIMAL ID</b>	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule					X						<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------	---	---	---	---	---	---	---	---	---	---	-----------

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 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS MALE</b>		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	3	3	3	3	3	3	3	3	3
<b>200 PPM</b>		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

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1-4 .. Lesion qualified as:  
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 2) Mild 4) Marked

Experiment Number: 99019 - 03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

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

Triethylamine

CAS Number: 121-44-8

Date Report Requested: 01/05/2017

Time Report Requested: 11:01:43

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

Lab: BNW

FISCHER 344 RATS MALE 200 PPM	DAY ON TEST										* TOTALS	
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3		
ANIMAL ID	0 1 0 0 1	0 1 0 0 2	0 1 0 0 3	0 1 0 0 4	0 1 0 0 5	0 1 0 0 6	0 1 0 0 7	0 1 0 0 8	0 1 0 0 9	0 1 0 0 0		
	Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
	Lymph Node, Bronchial	M	M	+	M	M	M	M	M	M	M	1
	Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	0
	Lymph Node, Mediastinal	M	M	M	M	M	M	M	M	+	+	2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
<b>INTEGUMENTARY SYSTEM</b>												
Mammary Gland	+	+	+	M	M	M	+	M	M	M	4	
Skin	+	+	+	+	+	+	+	+	+	+	10	
<b>MUSCULOSKELETAL SYSTEM</b>												
Bone	+	+	+	+	+	+	+	+	+	+	10	
<b>NERVOUS SYSTEM</b>												
Brain	+	+	+	+	+	+	+	+	+	+	10	
<b>RESPIRATORY SYSTEM</b>												
Larynx	+	+	+	+	+	+	+	+	+	+	10	

\* .. 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  
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1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

FISCHER 344 RATS MALE 200 PPM	DAY ON TEST										ANIMAL ID			
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3				
	0 1 0 0 1	0 1 0 0 2	0 1 0 0 3	0 1 0 0 4	0 1 0 0 5	0 1 0 0 6	0 1 0 0 7	0 1 0 0 8	0 1 0 0 9	0 1 0 0 0				
	<b>* TOTALS</b>													
Lung	+ + + + + + + + + +											10		
Alveolus, Infiltration Cellular, Histiocyte	1	1		1	1		1	1					6	1.0
Nose	+ + + + + + + + + +											10		
Olfactory Epithelium, Atrophy	3	2	2	3	3	3	2	3	3	2			10	2.6
Respiratory Epithelium, Accumulation, Hyaline Droplet		1	1				1						3	1.0
Respiratory Epithelium, Hyperplasia	3	2	2	3	2	3	3	3	3	3			10	2.7
Trachea	+ + + + + + + + + +											10		
<b>SPECIAL SENSES SYSTEM</b>														
Eye	+ + + + + + + + + +											10		
Cornea, Mineralization	1						1		2				3	1.3
Cornea, Necrosis	1												1	1.0
Cornea, Epithelium, Vacuolation	1			1									2	1.0
Harderian Gland	+ + + + + + + + + +											10		
Infiltration Cellular, Mononuclear Cell							1						1	1.0
<b>URINARY SYSTEM</b>														
Kidney	+ + + + + + + + + +											10		
Urinary Bladder	+ + + + + + + + + +											10		

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

\* .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
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 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3	
CONTROL	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	* TOTALS

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	I	+	+	+	+	I	+	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatodiaphragmatic Nodule								X			1
Inflammation					1						1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Atrophy									1		1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**CARDIOVASCULAR SYSTEM**

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Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
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 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	FISCHER 344 RATS FEMALE
	9	9	9	9	9	9	9	9	9	9	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	CONTROL
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	* TOTALS
Heart	+	+	+	+	+	+	+	+	+	+	10
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	M	+	+	+	+	+	+	+	+	9
<b>GENERAL BODY SYSTEM</b>											
NONE											
<b>GENITAL SYSTEM</b>											
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Metaplasia, Lipocyte		1									1 1.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
<b>HEMATOPOIETIC SYSTEM</b>											

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Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
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 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

FISCHER 344 RATS FEMALE CONTROL	DAY ON TEST										* TOTALS
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	
ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 0 0	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	I	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mandibular	M	M	M	M	M	M	+	M	M	M	1
Lymph Node, Mediastinal	+	+	M	M	M	+	M	+	M	+	5
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Larynx	+	M	+	+	+	+	+	+	+	+	9

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 Route: RESPIRATORY EXPOSURE WHOLE BODY  
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 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3	CONTROL		
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0			<b>* TOTALS</b>
Lung	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Alveolar Epithelium, Hyperplasia								4					<b>1 4.0</b>
Alveolus, Infiltration Cellular, Histiocyte								1	1				<b>2 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Foreign Body							X						<b>1</b>
Trachea	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>													
Eye	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Infiltration Cellular, Mononuclear Cell					1								<b>1 1.0</b>
<b>URINARY SYSTEM</b>													
Kidney	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+			<b>10</b>

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DAY ON TEST		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
<b>12.5 PPM</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	1	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum Serosa, Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	<b>10</b> <b>1 1.0</b>
Liver Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	<b>10</b> <b>1 1.0</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

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 Lab: BNW

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
<b>12.5 PPM</b>	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1	0
<b>* TOTALS</b>											

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node												<b>1</b>
Pancreatic, Hyperplasia, Histiocytic												<b>1 1.0</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Infiltration Cellular, Mononuclear Cell	1										<b>1 1.0</b>
Inflammation								2			<b>1 2.0</b>
Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Alveolus, Infiltration Cellular, Histiocyte		1									<b>1 1.0</b>

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 Species/Strain: RATS/F 344/N

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 Lab: BNW

		0	0	0	0	0	0	0	0	0	
DAY ON TEST		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>		9	9	9	9	9	9	9	9	9	
<b>12.5 PPM</b>		3	3	3	3	3	3	3	3	3	
ANIMAL ID		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											
Nose		+	+	+	+	+	+	+	+	+	<b>10</b>
Respiratory Epithelium, Hyperplasia					1			1		1	<b>3 1.0</b>
Trachea		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>URINARY SYSTEM</b>											
Kidney		+	+	+	+	+	+	+	+	+	<b>10</b>

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 Lab: BNW

DAY ON TEST		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
<b>25 PPM</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	M	<b>9</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation			1				1				<b>2 1.0</b>
Mesentery					+					+	<b>2</b>
Fat, Necrosis, Chronic					2					2	<b>2 2.0</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE 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  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
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**Experiment Number:** 99019 - 03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
**CAS Number:** 121-44-8

**Date Report Requested:** 01/05/2017  
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**First Dose M/F:** 01/20/03 / 01/21/03  
**Lab:** BNW

DAY ON TEST		0	0	0	0	0	0	0	0	0	0				
<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0				
	9	9	9	9	9	9	9	9	9	9	9				
	3	3	3	3	3	3	3	3	3	3	3				
<b>25 PPM</b>	0	0	0	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	0	0				
	5	5	5	5	5	5	5	5	5	5	5				
	0	0	0	0	0	0	0	0	0	0	1				
	1	2	3	4	5	6	7	8	9	0	0				

\* TOTALS

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary																						1		
Periovarian Tissue, Cyst																						X		1

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx																						10		
Infiltration Cellular, Mononuclear Cell																							1	1.0
Lung																								10

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 + .. 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

Experiment Number: 99019 - 03  
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 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
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 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3	
25 PPM											
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											
Alveolus, Infiltration Cellular, Histiocyte	1			1			1	1			<b>4 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Olfactory Epithelium, Atrophy			1	1				1		1	<b>4 1.0</b>
Respiratory Epithelium, Hyperplasia	1	1	1	1	1			1	2	1	<b>9 1.1</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Retina, Degeneration					1						<b>1 1.0</b>
<b>URINARY SYSTEM</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS FEMALE</b>	0	0	0	0	0	0	0	0	0
<b>50 PPM</b>	9	9	9	9	9	9	9	9	9	9
<b>ANIMAL ID</b>	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule										X	<b>1</b>
Inflammation		1							1		<b>2 1.0</b>
Mesentery		+									<b>1</b>
Fat, Necrosis, Chronic		2									<b>1 2.0</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE 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  
 BLANK .. Not examined microscopically

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



Experiment Number: 99019 - 03  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
Triethylamine  
CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
Time Report Requested: 11:01:43  
First Dose M/F: 01/20/03 / 01/21/03  
Lab: BNW

	DAY ON TEST	0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>  <b>50 PPM</b>		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		7	7	7	7	7	7	7	7	7	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0

\* TOTALS

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary											1	
Periovarian Tissue, Cyst												1

**HEMATOPOIETIC SYSTEM**

Lymph Node											1	
Pancreatic, Hyperplasia, Histiocytic									2			1 2.0

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	10	
--------	---	---	---	---	---	---	---	---	---	---	----	--

\* .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

		0	0	0	0	0	0	0	0	0	
DAY ON TEST		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>		9	9	9	9	9	9	9	9	9	
<b>50 PPM</b>		3	3	3	3	3	3	3	3	3	
ANIMAL ID		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		7	7	7	7	7	7	7	7	7	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											
Granuloma				1							1 1.0
Lung		+	+	+	+	+	+	+	+	+	10
Alveolus, Infiltration Cellular, Histiocyte			1		1			1		1	4 1.0
Nose		+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic			1								1 1.0
Olfactory Epithelium, Atrophy		1	2	2	2	2	2	2	2	2	10 1.9
Respiratory Epithelium, Hyperplasia		2	2	2	2	1	2	2	1	1	10 1.7
Trachea		+	+	+	+	+	+	+	+	+	10
<b>SPECIAL SENSES SYSTEM</b>											
Eye		+	+	+	+	+	+	+	+	+	10
<b>URINARY SYSTEM</b>											
Kidney		+	+	+	+	+	+	+	+	+	10

\* .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
<b>100 PPM</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	M	+	<b>9</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule										1	<b>1 1.0</b>
Inflammation										1	<b>1 1.0</b>
Serosa, Fibrosis										1	<b>1 1.0</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Heart										+	<b>1</b>
Pericardium, Fibrosis										2	<b>1 2.0</b>
Pericardium, Infiltration Cellular, Mononuclear Cell										1	<b>1 1.0</b>

**ENDOCRINE 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  
 BLANK .. Not examined microscopically

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

Experiment Number: 99019 - 03  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
Triethylamine  
CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
Time Report Requested: 11:01:43  
First Dose M/F: 01/20/03 / 01/21/03  
Lab: BNW

		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
		3	3	3	3	3	3	3	3	3	
100 PPM	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											

NONE

### GENERAL BODY SYSTEM

NONE

### GENITAL SYSTEM

Ovary + 1  
Periovarian Tissue, Cyst X 1

### HEMATOPOIETIC SYSTEM

Lymph Node + 1  
Pancreatic, Hyperplasia, Histiocytic 2 1 2.0

### INTEGUMENTARY SYSTEM

NONE

### MUSCULOSKELETAL SYSTEM

NONE

### NERVOUS SYSTEM

NONE

### RESPIRATORY SYSTEM

Larynx + + + + + + + + + + 10

\* .. 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 BLANK .. Not examined microscopically

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

Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3	
100 PPM											
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
	<b>* TOTALS</b>										
Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1	1	1				1	<b>7 1.0</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic							1			1	<b>2 1.0</b>
Olfactory Epithelium, Atrophy	2	2	2	2	3	3	3	2	3	3	<b>10 2.5</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet						1					<b>1 1.0</b>
Respiratory Epithelium, Hyperplasia	3	2	2	2	3	3	3	1	2	3	<b>10 2.4</b>
Pleura										+	<b>1</b>
Hyperplasia										1	<b>1 1.0</b>
Inflammation, Chronic										3	<b>1 3.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Retina, Degeneration	2					2					<b>2 2.0</b>
<b>URINARY SYSTEM</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>FISCHER 344 RATS FEMALE</b>	9	9	9	9	9	9	9	9	9
<b>200 PPM</b>	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatodiaphragmatic Nodule	X							X			<b>2</b>
Inflammation							1				<b>1 1.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cyst							X				<b>1</b>

**CARDIOVASCULAR 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  
 BLANK .. Not examined microscopically

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

Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
<b>FISCHER 344 RATS FEMALE</b>	3	3	3	3	3	3	3	3	3	3			
<b>200 PPM</b>	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0			<b>* TOTALS</b>
Heart	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>ENDOCRINE SYSTEM</b>													
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Parathyroid Gland	M	+	+	I	+	+	+	+	+	+			<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>GENERAL BODY SYSTEM</b>													
NONE													
<b>GENITAL SYSTEM</b>													
Clitoral Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Ovary	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Periovarian Tissue, Cyst							X						<b>1</b>
Uterus	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>HEMATOPOIETIC SYSTEM</b>													

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 + .. 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: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3	
200 PPM											
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Bronchial	+	M	M	M	M	M	M	M	M	+	<b>2</b>
Lymph Node, Mandibular	M	M	M	M	M	M	M	+	M	M	<b>1</b>
Lymph Node, Mediastinal	M	M	+	M	+	+	+	+	+	M	<b>6</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	<b>10</b>
<b>RESPIRATORY SYSTEM</b>											
Larynx	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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 I .. Insufficient tissue  
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 BLANK .. Not examined microscopically

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



Experiment Number: 99019 - 03  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Triethylamine  
 CAS Number: 121-44-8

Date Report Requested: 01/05/2017  
 Time Report Requested: 11:01:43  
 First Dose M/F: 01/20/03 / 01/21/03  
 Lab: BNW

FISCHER 344 RATS FEMALE 200 PPM	DAY ON TEST										ANIMAL ID			
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3				
	0	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1	1			
	1	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	1	1			
	1	2	3	4	5	6	7	8	9	0				<b>* TOTALS</b>
Lung	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
Inflammation, Focal									1				<b>1 1.0</b>	
Metaplasia, Osseous							1						<b>1 1.0</b>	
Mineralization			1										<b>1 1.0</b>	
Alveolus, Infiltration Cellular, Histiocyte		1	1		1	1	1		2	1			<b>7 1.1</b>	
Nose	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
Olfactory Epithelium, Atrophy	3	3	2	3	3	3	3	3	3	3			<b>10 2.9</b>	
Respiratory Epithelium, Hyperplasia	3	3	3	3	3	2	3	3	2	2			<b>10 2.7</b>	
Trachea	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
<b>SPECIAL SENSES SYSTEM</b>														
Eye	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
Anterior Chamber, Infiltration Cellular, Macrophage										1			<b>1 1.0</b>	
Cornea, Edema										2			<b>1 2.0</b>	
Cornea, Inflammation, Chronic								2					<b>1 2.0</b>	
Cornea, Mineralization					1	1							<b>2 1.0</b>	
Cornea, Necrosis									1				<b>1 1.0</b>	
Cornea, Vesicle, Subepithelial				X	X			X					<b>3</b>	
Cornea, Epithelium, Ulcer		1											<b>1 1.0</b>	
Lens, Cataract										1			<b>1 1.0</b>	
Retina, Degeneration										2			<b>1 2.0</b>	
Retina, Dysplasia										2			<b>1 2.0</b>	
Harderian Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
Infiltration Cellular, Mononuclear Cell		1	1		1								<b>3 1.0</b>	

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		0	0	0	0	0	0	0	0	0	
<b>FISCHER 344 RATS FEMALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
<b>200 PPM</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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

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