

**Experiment Number:** 97008-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

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

**Test Compound:** Propargyl alcohol

**CAS Number:** 107-19-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 21:01:01

**First Dose M/F:** NA / NA

**Lab:** BNW

<b>C Number:</b>	C97008
<b>Lock Date:</b>	06/21/2001
<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: 97008-03

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

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Propargyl alcohol

Time Report Requested: 21:01:01

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 107-19-7

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

F 344/N Rat MALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(1)	(2)	(0)	(0)	(10)
Hepatodiaphragmatic Nodule	2 (20%)	1 (100%)				
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy						1 (10%)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	7 (70%)					7 (70%)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)

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

Experiment Number: 97008-03

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

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Propargyl alcohol

Time Report Requested: 21:01:01

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 107-19-7

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

F 344/N Rat MALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
Parathyroid Gland	(9)	(0)	(0)	(0)	(0)	(10)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst						1 (10%)
Thyroid Gland	(9)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Bronchial	(1)	(0)	(0)	(0)	(0)	(0)
Lymph Node, Mediastinal	(5)	(0)	(0)	(1)	(0)	(6)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(2)	(0)	(0)	(0)	(0)	(7)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						

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

Experiment Number: 97008-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

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

Test Compound: Propargyl alcohol

CAS Number: 107-19-7

Date Report Requested: 10/20/2014

Time Report Requested: 21:01:01

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat MALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
Larynx	(10)	(0)	(0)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Alveolus, Infiltration Cellular, Histiocyte Inflammation, Granulomatous	1 (10%)					1 (10%) 2 (20%)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Olfactory Epi, Necrosis					2 (20%)	5 (50%)
Respirat Epith, Hyperplasia	2 (20%)	7 (70%)	5 (50%)	7 (70%)	9 (90%)	10 (100%)
Respirat Epith, Metaplasia, Squamous						3 (30%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Necrosis	1 (10%)					
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(1)	(5)	(10)
Nephropathy	5 (50%)			1 (100%)	5 (100%)	4 (40%)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

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

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

Experiment Number: 97008-03

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

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Propargyl alcohol

Time Report Requested: 21:01:01

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 107-19-7

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

F 344/N Rat FEMALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(1)	(2)	(2)	(10)
Hepatodiaphragmatic Nodule Inflammation, Granulomatous	2 (20%) 1 (10%)		1 (100%)	2 (100%)	2 (100%)	2 (20%)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
Mineralization	1 (10%)					3 (30%)
Necrosis	1 (10%)					
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(0)	(0)	(9)
Cardiomyopathy	1 (10%)					3 (33%)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)

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

Experiment Number: 97008-03

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

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Propargyl alcohol

Time Report Requested: 21:01:01

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 107-19-7

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

F 344/N Rat FEMALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 (10%)					
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ovary	(10)	(1)	(0)	(1)	(0)	(10)
Cyst		1 (100%)				
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(0)	(0)	(0)	(1)	(0)	(0)
Pancreatic, Inflammation, Granulomatous				1 (100%)		
Lymph Node, Bronchial	(2)	(0)	(0)	(0)	(0)	(1)
Lymph Node, Mediastinal	(5)	(0)	(0)	(0)	(0)	(7)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)

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

Experiment Number: 97008-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

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

Test Compound: Propargyl alcohol

CAS Number: 107-19-7

Date Report Requested: 10/20/2014

Time Report Requested: 21:01:01

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat FEMALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>						
Larynx	(10)	(0)	(0)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Olfactory Epi, Necrosis					3 (30%)	5 (50%)
Respirat Epith, Hyperplasia		2 (20%)	4 (40%)	4 (40%)	10 (100%)	9 (90%)
Respirat Epith, Metaplasia, Squamous						8 (80%)
Respirat Epith, Necrosis						2 (20%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear CI						1 (10%)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(1)	(0)	(0)	(10)
Cyst			1 (100%)			
Nephropathy						1 (10%)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

\*\* END OF REPORT \*\*

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