

**Experiment Number:** 20116-02  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

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

**Test Compound:** Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 13:46:11

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

**Lab:** NCTR

<b>C Number:</b>	C20116B
<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

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B6C3F1 Mouse MALE	CONTROL	1% WLN	2% WLN	3% WLN
<b>Disposition Summary</b>				
Animals Initially In Study	12	12	12	12
Early Deaths				
Survivors				
Terminal Sacrifice	12	12	12	12
Animals Examined Microscopically	12	12	12	12
<b>ALIMENTARY SYSTEM</b>				
Esophagus	(12)	(0)	(0)	(12)
Gallbladder	(12)	(0)	(0)	(12)
Intestine Large, Cecum	(12)	(12)	(12)	(12)
Goblet Cell, Hyperplasia		1 [1.0]	5 [1.2]	9 [1.0]
Intestine Large, Colon	(12)	(12)	(12)	(12)
Goblet Cell, Hyperplasia		3 [1.0]	9 [1.4]	11 [1.1]
Intestine Large, Rectum	(12)	(0)	(0)	(11)
Goblet Cell, Hyperplasia				4 [1.0]
Intestine Small, Duodenum	(12)	(0)	(0)	(12)
Intestine Small, Ileum	(12)	(0)	(0)	(12)
Intestine Small, Jejunum	(12)	(0)	(0)	(12)
Liver	(12)	(12)	(12)	(12)
Mixed Cell Focus				1
Tension Lipidosis	1 [1.0]		1 [2.0]	
Pancreas	(12)	(0)	(0)	(12)
Salivary Glands	(12)	(0)	(0)	(12)
Stomach, Forestomach	(12)	(0)	(0)	(12)
Stomach, Glandular	(12)	(0)	(0)	(12)
<b>CARDIOVASCULAR SYSTEM</b>				
Blood Vessel	(12)	(0)	(0)	(12)
Heart	(12)	(0)	(0)	(12)

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)

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B6C3F1 Mouse MALE	CONTROL	1% WLN	2% WLN	3% WLN
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(12)	(0)	(0)	(12)
Accessory Adrenal Cortical Nodule	1			
Adrenal Medulla	(11)	(0)	(0)	(11)
Islets, Pancreatic	(12)	(0)	(0)	(12)
Parathyroid Gland	(10)	(0)	(0)	(11)
Pituitary Gland	(12)	(0)	(0)	(12)
Thyroid Gland	(12)	(0)	(0)	(12)
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
Epididymis	(12)	(0)	(0)	(12)
Preputial Gland	(12)	(4)	(6)	(12)
Duct, Dilatation	7 [3.0]	4 [2.3]	6 [2.8]	
Prostate	(12)	(0)	(0)	(12)
Seminal Vesicle	(12)	(0)	(0)	(12)
Testes	(12)	(0)	(0)	(12)
<b>HEMATOPOIETIC SYSTEM</b>				
Bone Marrow	(12)	(0)	(0)	(12)
Lymph Node, Mandibular	(12)	(0)	(0)	(12)
Lymph Node, Mesenteric	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid	4 [2.0]			7 [2.0]
Spleen	(12)	(12)	(12)	(12)
Hematopoietic Cell Proliferation	4 [1.5]	2 [2.0]	2 [2.5]	4 [1.5]
Hyperplasia, Lymphoid		1 [2.0]	1 [2.0]	
Thymus	(12)	(0)	(0)	(12)
<b>INTEGUMENTARY SYSTEM</b>				

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<b>B6C3F1 Mouse MALE</b>	<b>CONTROL</b>	<b>1% WLN</b>	<b>2% WLN</b>	<b>3% WLN</b>
Skin	(12)	(0)	(0)	(12)
Epidermis, Inflammation, Suppurative	1 [1.0]			
<b>MUSCULOSKELETAL SYSTEM</b>				
Bone, Femur	(12)	(0)	(0)	(12)
<b>NERVOUS SYSTEM</b>				
Brain, Brain Stem	(12)	(0)	(0)	(12)
Brain, Cerebellum	(12)	(0)	(0)	(12)
Brain, Cerebrum	(12)	(0)	(0)	(12)
<b>RESPIRATORY SYSTEM</b>				
Lung	(12)	(0)	(0)	(12)
Nose	(12)	(0)	(0)	(12)
Trachea	(12)	(0)	(0)	(12)
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(12)	(0)	(0)	(12)
Harderian Gland	(12)	(0)	(0)	(12)
<b>URINARY SYSTEM</b>				
Kidney	(12)	(12)	(12)	(12)
Infiltration Cellular, Lymphoid		1 [1.0]	1 [1.0]	
Urinary Bladder	(12)	(0)	(0)	(12)
Dilatation	2 [4.0]			2 [4.0]

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

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

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B6C3F1 Mouse FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
<b>Disposition Summary</b>				
Animals Initially In Study	12	12	12	12
Early Deaths				
Survivors				
Terminal Sacrifice	12	12	12	12
Animals Examined Microscopically	12	12	11	12
<b>ALIMENTARY SYSTEM</b>				
Esophagus	(12)	(0)	(0)	(12)
Gallbladder	(11)	(0)	(0)	(12)
Intestine Large, Cecum	(12)	(12)	(11)	(12)
Goblet Cell, Hyperplasia				1 [1.0]
Intestine Large, Colon	(12)	(12)	(11)	(12)
Goblet Cell, Hyperplasia			4 [1.0]	7 [1.1]
Intestine Large, Rectum	(12)	(0)	(0)	(11)
Goblet Cell, Hyperplasia				5 [1.0]
Intestine Small, Duodenum	(12)	(0)	(0)	(12)
Intestine Small, Ileum	(12)	(0)	(0)	(12)
Intestine Small, Jejunum	(12)	(0)	(0)	(12)
Liver	(12)	(12)	(11)	(12)
Tension Lipidosis			1 [1.0]	
Pancreas	(12)	(0)	(0)	(12)
Salivary Glands	(12)	(0)	(0)	(12)
Infiltration Cellular, Lymphoid	1 [2.0]			
Stomach, Forestomach	(12)	(0)	(0)	(12)
Stomach, Glandular	(11)	(0)	(0)	(12)
<b>CARDIOVASCULAR SYSTEM</b>				
Blood Vessel	(12)	(0)	(0)	(12)
Heart	(12)	(0)	(0)	(12)

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<b>B6C3F1 Mouse FEMALE</b>	<b>CONTROL</b>	<b>1% WLN</b>	<b>2% WLN</b>	<b>3% WLN</b>
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(12)	(1)	(0)	(12)
Adrenal Medulla	(11)	(0)	(0)	(11)
Islets, Pancreatic	(12)	(0)	(0)	(12)
Parathyroid Gland	(10)	(0)	(0)	(10)
Pituitary Gland	(12)	(0)	(0)	(11)
Thyroid Gland	(12)	(0)	(0)	(11)
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
Clitoral Gland	(10)	(0)	(0)	(12)
Ovary	(12)	(0)	(1)	(12)
Cyst			1 [2.0]	
Uterus	(12)	(0)	(0)	(12)
<b>HEMATOPOIETIC SYSTEM</b>				
Bone Marrow	(12)	(0)	(0)	(12)
Lymph Node, Mandibular	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid	1 [2.0]			
Lymph Node, Mesenteric	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid				2 [1.5]
Spleen	(12)	(12)	(11)	(12)
Hematopoietic Cell Proliferation	3 [1.7]	3 [1.7]	3 [1.7]	1 [2.0]
Hyperplasia, Lymphoid	2 [1.0]	1 [2.0]		
Thymus	(12)	(0)	(0)	(11)
<b>INTEGUMENTARY SYSTEM</b>				
Mammary Gland	(12)	(0)	(0)	(12)
Skin	(12)	(0)	(0)	(12)

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<b>MUSCULOSKELETAL SYSTEM</b>				
Bone, Femur	(12)	(0)	(0)	(12)
<b>NERVOUS SYSTEM</b>				
Brain, Brain Stem	(12)	(0)	(0)	(12)
Brain, Cerebellum	(12)	(0)	(0)	(12)
Brain, Cerebrum	(12)	(0)	(0)	(12)
<b>RESPIRATORY SYSTEM</b>				
Lung	(12)	(0)	(0)	(12)
Nose	(12)	(0)	(0)	(12)
Trachea	(12)	(0)	(0)	(12)
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(12)	(0)	(0)	(12)
Harderian Gland	(12)	(0)	(0)	(12)
<b>URINARY SYSTEM</b>				
Kidney	(12)	(12)	(11)	(12)
Infiltration Cellular, Lymphoid	1 [1.0]	2 [1.0]	1 [1.0]	
Urinary Bladder	(12)	(0)	(0)	(12)

**\*\* 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)