

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016
Time Report Requested: 10:42:24
First Dose M/F: 11/09/03 / 11/09/03
Lab: NCTR

NTP Study Number: C20116B
Lock Date: Not Entered.
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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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	
CONTROL	ANIMAL ID	0	0	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	1	
		3	3	3	3	4	4	4	5	5	5	5	
		1	2	3	4	1	2	3	4	1	2	3	4
													* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Tension Lipidosis	1												1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

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
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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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B6C3F1 MICE MALE CONTROL	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	0	0	0	
	ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	
	3	3	3	3	4	4	4	4	5	5	5		
	1	2	3	4	1	2	3	4	1	2	3		
													* TOTALS
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	12	
Heart	+	+	+	+	+	+	+	+	+	+	+	12	
ENDOCRINE SYSTEM													
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	12	
Accessory Adrenal Cortical Nodule							X					1	
Adrenal Medulla	+	+	+	+	+	M	+	+	+	+	+	11	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	12	
Parathyroid Gland	+	M	+	+	+	+	+	M	+	+	+	10	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	12	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	12	
GENERAL BODY SYSTEM													
NONE													
GENITAL SYSTEM													
Epididymis	+	+	+	+	+	+	+	+	+	+	+	12	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	12	
Duct, Dilatation		3		3		2	2	4		3		7 3.0	
Prostate	+	+	+	+	+	+	+	+	+	+	+	12	

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		1	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	1	1	1	1		
	ANIMAL ID	0	0	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	1		
		3	3	3	3	4	4	4	4	5	5	5		
		1	2	3	4	1	2	3	4	1	2	3	4	* TOTALS
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	12	
Testes		+	+	+	+	+	+	+	+	+	+	+	12	
HEMATOPOIETIC SYSTEM														
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	12	
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	12	
Lymph Node, Mesenteric Hyperplasia, Lymphoid		+	+	+	+	+	+	+	+	+	+	+	12	
					2				2	1	3		4 2.0	
Spleen Hematopoietic Cell Proliferation		+	+	+	+	+	+	+	+	+	+	+	12	
									2	1	2	1	4 1.5	
Thymus		+	+	+	+	+	+	+	+	+	+	+	12	
INTEGUMENTARY SYSTEM														
Mammary Gland		M	M	M	M	M	M	M	M	M	M	M	0	
Skin Epidermis, Inflammation, Suppurative		+	+	+	+	+	+	+	+	+	+	+	12	
								1					1 1.0	
MUSCULOSKELETAL SYSTEM														
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	12	

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	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	1	1		
1% WLN	ANIMAL ID	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	1	1	2	2	2	3	3	3	3		
		1	2	3	4	1	2	3	4	1	2	3	4	* TOTALS

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12	
Goblet Cell, Hyperplasia								1					1	1.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12	
Goblet Cell, Hyperplasia								1	1			1	3	1.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12	

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland								+	+		+	+	4	
Duct, Dilatation								2	2		2	3	4	2.3

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12	
Hematopoietic Cell Proliferation	2									2			2	2.0

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0			
		1	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	1	1		
	1% WLN	ANIMAL ID	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	1	1	2	2	2	2	3	3	3	3		
1			2	3	4	1	2	3	4	1	2	3	4		
													* TOTALS		
Hyperplasia, Lymphoid													2	1	2.0
INTEGUMENTARY SYSTEM															
NONE															
MUSCULOSKELETAL SYSTEM															
NONE															
NERVOUS SYSTEM															
NONE															
RESPIRATORY SYSTEM															
NONE															
SPECIAL SENSES SYSTEM															
NONE															
URINARY SYSTEM															
Kidney		+	+	+	+	+	+	+	+	+	+	+	12		
Infiltration Cellular, Lymphoid		1										1	1.0		

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	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	1	1		
2% WLN	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0		
		1	1	1	1	2	2	2	2	2	2	2		
		9	9	9	9	0	0	0	0	1	1	1	1	
		1	2	3	4	1	2	3	4	1	2	3	4	* TOTALS

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12	
Goblet Cell, Hyperplasia	1				2				1		1	1	5	1.2
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12	
Goblet Cell, Hyperplasia	2		2		2	1	1	1	2		1	1	9	1.4
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12	
Tension Lipidosis								2					1	2.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland	+	+			+	+	+		+				6	
Duct, Dilatation	3	3			3		4	2			2		6	2.8

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12	
--------	---	---	---	---	---	---	---	---	---	---	---	---	----	--

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0		
		1	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	1	1	
	2% WLN	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	
0			0	0	0	0	0	0	0	0	0	0		
1			1	1	1	2	2	2	2	2	2	2		
9			9	9	9	0	0	0	0	1	1	1	1	
1			2	3	4	1	2	3	4	1	2	3	4	
													* TOTALS	
Hematopoietic Cell Proliferation													2	2.5
Hyperplasia, Lymphoid													1	2.0
INTEGUMENTARY SYSTEM														
NONE														
MUSCULOSKELETAL SYSTEM														
NONE														
NERVOUS SYSTEM														
NONE														
RESPIRATORY SYSTEM														
NONE														
SPECIAL SENSES SYSTEM														
NONE														
URINARY SYSTEM														
													12	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+		
Infiltration Cellular, Lymphoid									1				1 1.0	

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	
3% WLN	ANIMAL ID	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	
		7	7	7	7	8	8	8	8	9	9	9	
		1	2	3	4	1	2	3	4	1	2	3	4
													* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Goblet Cell, Hyperplasia	1	1	1	1	1	1	1	1		1			9 1.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Goblet Cell, Hyperplasia	1	1	1	1	1	1	1	1	2	1	1		11 1.1
Intestine Large, Rectum	+	+	+	+	+	+	+	M	+	+	+	+	11
Goblet Cell, Hyperplasia		1	1	1		1							4 1.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Mixed Cell Focus									X				1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12

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B6C3F1 MICE MALE 3% WLN	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0		
		1	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	1	1	1	1		
	ANIMAL ID	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		
		7	7	7	7	8	8	8	8	9	9	9		
		1	2	3	4	1	2	3	4	1	2	3	4	* TOTALS
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	12
CARDIOVASCULAR SYSTEM														
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	12
Heart		+	+	+	+	+	+	+	+	+	+	+	+	12
ENDOCRINE SYSTEM														
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla		+	+	+	+	+	+	+	+	+	M	+		11
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland		M	+	+	+	+	+	+	+	+	+	+	+	11
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	12
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	12
GENERAL BODY SYSTEM														
NONE														
GENITAL SYSTEM														
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	12
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	12

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B6C3F1 MICE MALE 3% WLN	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	
		7	7	7	7	8	8	8	8	9	9	9	
		1	2	3	4	1	2	3	4	1	2	3	* TOTALS
Prostate		+	+	+	+	+	+	+	+	+	+	+	12
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	12
Testes		+	+	+	+	+	+	+	+	+	+	+	12
HEMATOPOIETIC SYSTEM													
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric Hyperplasia, Lymphoid		+	2	2	2	2	2	2	2	2	2	2	12 7 2.0
Spleen Hematopoietic Cell Proliferation		+	+	+	+	+	+	1	+	2	1	2	12 4 1.5
Thymus		+	+	+	+	+	+	+	+	+	+	+	12
INTEGUMENTARY SYSTEM													
Mammary Gland		M	M	M	M	M	M	M	M	M	M	M	0
Skin		+	+	+	+	+	+	+	+	+	+	+	12
MUSCULOSKELETAL SYSTEM													
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	12

NERVOUS 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

Lab: NCTR

	DAY ON TEST	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 1	0 1 0 1	0 1 0 1		
B6C3F1 MICE MALE														
3% WLN	ANIMAL ID	0 0 7 1	0 0 7 2	0 0 7 3	0 0 7 4	0 0 8 1	0 0 8 2	0 0 8 3	0 0 8 4	0 0 9 1	0 0 9 2	0 0 9 3	0 0 9 4	* TOTALS
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	12
RESPIRATORY SYSTEM														
Lung		+	+	+	+	+	+	+	+	+	+	+	+	12
Nose		+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	12
SPECIAL SENSES SYSTEM														
Eye		+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	12
URINARY SYSTEM														
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder Dilatation		+	+	+	+	+	+	+	+	+	+	+	+	12
						4	4							2 4.0

*** END OF MALE DATA ***

2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016
 Time Report Requested: 10:42:24
 First Dose M/F: 11/09/03 / 11/09/03
 Lab: NCTR

B6C3F1 MICE FEMALE CONTROL	DAY ON TEST	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	
	ANIMAL ID	0 0 1 6 1	0 0 1 6 2	0 0 1 6 3	0 0 1 6 4	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4
* TOTALS													

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Gallbladder	+	+	+	+	+	+	+	+	I	+	+	+	11
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands Infiltration Cellular, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	12 1 2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	M	+	11

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: 20116 - 02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016
 Time Report Requested: 10:42:24
 First Dose M/F: 11/09/03 / 11/09/03
 Lab: NCTR

B6C3F1 MICE FEMALE CONTROL	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1		
	6	6	6	6	7	7	7	7	8	8	8		
	1	2	3	4	1	2	3	4	1	2	3	4	
													* TOTALS
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12
ENDOCRINE SYSTEM													
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	+	M	+	+	+	+	11
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	M	+	+	+	+	+	M	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
GENERAL BODY SYSTEM													
NONE													
GENITAL SYSTEM													
Clitoral Gland	+	M	M	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	12
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	12

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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Experiment Number: 20116 - 02
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 Route: DOSED WATER
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 Aloe vera whole leaf extract (native)
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Date Report Requested: 09/06/2016
 Time Report Requested: 10:42:24
 First Dose M/F: 11/09/03 / 11/09/03
 Lab: NCTR

B6C3F1 MICE FEMALE CONTROL	DAY ON TEST												ANIMAL ID	
	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1	0 1 0 1		
	0 0 1 6 1	0 0 1 6 2	0 0 1 6 3	0 0 1 6 4	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4		
* TOTALS														
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+		12
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	2	+	+	+	+		12 1 2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+		12
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	2	+	+	+	+		12 3 1.7 2 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+		12
INTEGUMENTARY SYSTEM														
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+		12
Skin	+	+	+	+	+	+	+	+	+	+	+	+		12
MUSCULOSKELETAL SYSTEM														
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+		12
NERVOUS SYSTEM														
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+		12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+		12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+		12

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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Experiment Number: 20116 - 02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016
 Time Report Requested: 10:42:24
 First Dose M/F: 11/09/03 / 11/09/03
 Lab: NCTR

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	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	1	1	1	1	1	1	1	1	
CONTROL	ANIMAL ID	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	1	1	1	1	1	1	1	1	1	1	
		6	6	6	6	7	7	7	8	8	8	8	8	
		1	2	3	4	1	2	3	4	1	2	3	4	* TOTALS

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	12
Nose	+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	12

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Infiltration Cellular, Lymphoid							1						1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 2) Mild 4) Marked

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
1% WLN	ANIMAL ID	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	
		4	4	4	4	5	5	5	5	6	6	6	
		1	2	3	4	1	2	3	4	1	2	3	* TOTALS

ALIMENTARY SYSTEM

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex				+									1
Adrenal Medulla				I									0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Hematopoietic Cell Proliferation				1			2		2				3 1.7
Hyperplasia, Lymphoid							2						1 2.0

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

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
1% WLN	ANIMAL ID	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	
		4	4	4	4	5	5	5	5	6	6	6	
		1	2	3	4	1	2	3	4	1	2	3	4
													* TOTALS

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Infiltration Cellular, Lymphoid						1					1		2 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: 20116 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:42:24

First Dose M/F: 11/09/03 / 11/09/03

Lab: NCTR

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
2% WLN	ANIMAL ID	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	2	2	3	3	3	3	4	4	4	4
		1	2	3	4	1	2	3	4	1	2	3	4
													* TOTALS

ALIMENTARY SYSTEM

Intestine Large, Cecum	+		+	+	+	+	+	+	+	+	+	+		11		
Intestine Large, Colon	+		+	+	+	+	+	+	+	+	+	+		11		
Goblet Cell, Hyperplasia			1	1	1								1		4	1.0
Liver	+		+	+	+	+	+	+	+	+	+	+		11		
Tension Lipidosis	1														1	1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary								+						1		
Cyst								2							1	2.0

HEMATOPOIETIC SYSTEM

Spleen	+		+	+	+	+	+	+	+	+	+	+		11		
Hematopoietic Cell Proliferation						2	1					2			3	1.7

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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1-4 .. Lesion qualified as:

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B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
2% WLN	ANIMAL ID	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	2	2	3	3	3	3	4	4	4	
		1	2	3	4	1	2	3	4	1	2	3	* TOTALS

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	11	
Infiltration Cellular, Lymphoid				1								1	1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016
 Time Report Requested: 10:42:24
 First Dose M/F: 11/09/03 / 11/09/03
 Lab: NCTR

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
3% WLN	ANIMAL ID	0	0	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	1	
		0	0	0	0	1	1	1	1	2	2	2	
		1	2	3	4	1	2	3	4	1	2	3	4
													* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum Goblet Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	12
								1					1 1.0
Intestine Large, Colon Goblet Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	12
	1	1		2	1		1		1			1	7 1.1
Intestine Large, Rectum Goblet Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	M	11
	1	1		1			1		1				5 1.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016
 Time Report Requested: 10:42:24
 First Dose M/F: 11/09/03 / 11/09/03
 Lab: NCTR

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
3% WLN	ANIMAL ID	0	0	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	1	
		0	0	0	0	1	1	1	1	2	2	2	
		1	2	3	4	1	2	3	4	1	2	3	4
													* TOTALS

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	M	+	+	+	+	+	+	+	+	+	+	11
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	M	10
Pituitary Gland	+	M	+	+	+	+	+	+	+	+	+	+	11
Thyroid Gland	+	+	+	M	+	+	+	+	+	+	+	+	11

GENERAL BODY SYSTEM

NONE													
------	--	--	--	--	--	--	--	--	--	--	--	--	--

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	12
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	12

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 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: 20116 - 02
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016
 Time Report Requested: 10:42:24
 First Dose M/F: 11/09/03 / 11/09/03
 Lab: NCTR

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	
		1	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	1	1	1	1	1	1	1	
3% WLN	ANIMAL ID	0	0	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	1	
		0	0	0	0	1	1	1	1	2	2	2	2
		1	2	3	4	1	2	3	4	1	2	3	4

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	12
						1					2		2 1.5
Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	12
								2					1 2.0
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	11

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12
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NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	12

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		1	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	1	1	1	1	1	1	1	
3% WLN	ANIMAL ID	0	0	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	1	
		0	0	0	0	1	1	1	1	2	2	2	
		1	2	3	4	1	2	3	4	1	2	3	4
													* TOTALS

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	12
Nose	+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	12

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12

*** END OF REPORT ***

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