

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:30

First Dose M/F: NA / NA

Lab: NCTR

C Number:	C20116B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF ALOE VERA WHOLE LEAF EXTRACT

MALE RAT

Organ

Bone Marrow

Epididymis

Heart

Intestine Large, Cecum

Intestine Large, Cecum: Goblet Cell

Intestine Large, Colon

Intestine Large, Colon: Goblet Cell

Intestine Large, Rectum: Anus

Intestine Large, Rectum: Goblet Cell

Kidney

Liver

Seminal Vesicle

Testes

Thymus

FEMALE RAT

Organ

Bone Marrow

Clitoral Gland

Intestine Large, Cecum

Intestine Large, Cecum: Goblet Cell

Intestine Large, Colon

Intestine Large, Colon: Goblet Cell

Intestine Large, Rectum: Goblet Cell

Kidney

Kidney: Renal Tubule

Ovary

Thymus

Morphology

Hypocellularity

Hypospermia

Cardiomyopathy

Infiltration Cellular Polymorphnuclr

Hyperplasia

Infiltration Cellular Polymorphnuclr

Hyperplasia

Hyperplasia

Inflammation Chronic

Hyperplasia

Nephropathy Chronic

Vacuolization Cytoplasmic

Hypoplasia

Hypoplasia

Atrophy

Morphology

Hypocellularity

Infiltration Cellular Lymphoid

Inflammation

Infiltration Cellular Polymorphnuclr

Hyperplasia

Infiltration Cellular Polymorphnuclr

Hyperplasia

Hyperplasia

Nephropathy Chronic

Mineralization

Hypoplasia

Atrophy

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF ALOE VERA WHOLE LEAF EXTRACT

Uterus

Uterus: Lumen

Hypoplasia

Dilatation

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Bone Marrow Hypocellularity					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	2/12 (17%)	4/12 (33%)	
POLY-3 RATE (b)	0/12.00	0/0.00	2/12.00	4/11.04	
POLY-3 PERCENT (g)	0%	0%	16.7%	36.2%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	46	31	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.229	P=0.030*	
POLY 1.5	(e)	(e)	P=0.229	P=0.031*	
POLY 6	(e)	(e)	P=0.229	P=0.029*	
COCH-ARM / FISHERS	P=0.024*	(e)	P=0.239	P=0.047*	
MAX-ISO-POLY-3	(e)	(e)	P=0.069	P=0.009**	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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Time Report Requested: 13:05:30
First Dose M/F: NA / NA
Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 9 WEEKS

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Coagulating Gland Hypoplasia					
LESION RATES					
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/3 (100%)	
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	3/3.00	
POLY-3 PERCENT (g)	0%	0%	0%	100%	
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/3 (100%)	
FIRST INCIDENCE	---	---	---	34(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	
POLY 1.5	(e)	(e)	(e)	(e)	
POLY 6	(e)	(e)	(e)	(e)	
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Epididymis					
Hypospermia					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	3/12 (25%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	3/10.08	
POLY-3 PERCENT (g)	0%	0%	0%	29.8%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	31	
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.071	
POLY 1.5	(e)	(e)	(e)	P=0.075	
POLY 6	(e)	(e)	(e)	P=0.070	
COCH-ARM / FISHERS	P=0.045*	(e)	(e)	P=0.109	
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.025*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Harderian Gland					
Infiltration Cellular Lymphoid					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	1/12 (8%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/0.00	1/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	9.7%	0%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	1/10 (10%)	0/7 (0%)	
FIRST INCIDENCE	---	---	100(T)	---	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.470	(e)	
POLY 1.5	(e)	(e)	P=0.479	(e)	
POLY 6	(e)	(e)	P=0.465	(e)	
COCH-ARM / FISHERS	P=0.554	(e)	P=0.500	(e)	
MAX-ISO-POLY-3	(e)	(e)	P=0.158	(e)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Heart					
Cardiomyopathy					
LESION RATES					
OVERALL(a)	4/12 (33%)	0/0 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	4/12.00	0/0.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	33.3%	0%	0%	0%	
TERMINAL (d)	4/12 (33%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	100(T)	---	---	---	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.058N	P=0.134N	
POLY 1.5	(e)	(e)	P=0.052N	P=0.108N	
POLY 6	(e)	(e)	P=0.063N	P=0.140N	
COCH-ARM / FISHERS	P=0.004N**	(e)	P=0.047N*	P=0.047N*	
MAX-ISO-POLY-3	(e)	(e)	P=0.023N*	P=0.085N	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Heart					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Heart					
Polyarteritis					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Cecum					
Infiltration Cellular Polymorphnuclr					
LESION RATES					
OVERALL(a)	0/12 (0%)	1/11 (9%)	4/12 (33%)	3/12 (25%)	
POLY-3 RATE (b)	0/12.00	1/11.00	4/10.34	3/7.18	
POLY-3 PERCENT (g)	0%	9.1%	38.7%	41.8%	
TERMINAL (d)	0/12 (0%)	1/11 (9%)	4/10 (40%)	3/7 (43%)	
FIRST INCIDENCE	---	100(T)	100(T)	100(T)	
STATISTICAL TESTS					
POLY 3	P=0.004**	P=0.483	P=0.023*	P=0.033*	
POLY 1.5	P=0.006**	P=0.483	P=0.027*	P=0.041*	
POLY 6	P=0.004**	P=0.483	P=0.021*	P=0.031*	
COCH-ARM / FISHERS	P=0.031*	P=0.478	P=0.047*	P=0.109	
MAX-ISO-POLY-3	P=0.007**	P=0.153	P=0.008**	P=0.020*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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 Species/Strain: Rat/F 344/N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Cecum: Goblet Cell Hyperplasia					
LESION RATES					
OVERALL(a)	0/12 (0%)	6/11 (55%)	11/12 (92%)	8/12 (67%)	
POLY-3 RATE (b)	0/12.00	6/11.00	11/11.10	8/8.14	
POLY-3 PERCENT (g)	0%	54.5%	99.1%	98.3%	
TERMINAL (d)	0/12 (0%)	6/11 (55%)	10/10 (100%)	7/7 (100%)	
FIRST INCIDENCE	---	100(T)	62	34	
STATISTICAL TESTS					
POLY 3	P=0.000**	P<0.001**	P=0.000**	P=0.000**	
POLY 1.5	P=0.000**	P<0.001**	P=0.000**	P=0.000**	
POLY 6	P=0.000**	P<0.001**	P=0.000**	P=0.000**	
COCH-ARM / FISHERS	P=0.000**	P=0.005**	P=0.000**	P<0.001**	
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P=0.000**	P=0.000**	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Colon					
Infiltration Cellular Lymphoid					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/11 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/11.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/12 (0%)	0/11 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
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 Species/Strain: Rat/F 344/N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Colon					
Infiltration Cellular Polymorphnuclr					
LESION RATES					
OVERALL(a)	0/12 (0%)	4/11 (36%)	4/12 (33%)	3/12 (25%)	
POLY-3 RATE (b)	0/12.00	4/11.00	4/10.34	3/7.18	
POLY-3 PERCENT (g)	0%	36.4%	38.7%	41.8%	
TERMINAL (d)	0/12 (0%)	4/11 (36%)	4/10 (40%)	3/7 (43%)	
FIRST INCIDENCE	---	100(T)	100(T)	100(T)	
STATISTICAL TESTS					
POLY 3	P=0.017*	P=0.029*	P=0.023*	P=0.033*	
POLY 1.5	P=0.026*	P=0.029*	P=0.027*	P=0.041*	
POLY 6	P=0.015*	P=0.029*	P=0.021*	P=0.031*	
COCH-ARM / FISHERS	P=0.118	P=0.037*	P=0.047*	P=0.109	
MAX-ISO-POLY-3	P=0.026*	P=0.007**	P=0.008**	P=0.020*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Colon: Goblet Cell Hyperplasia					
LESION RATES					
OVERALL(a)	0/12 (0%)	10/11 (91%)	11/12 (92%)	8/12 (67%)	
POLY-3 RATE (b)	0/12.00	10/11.00	11/11.10	8/8.14	
POLY-3 PERCENT (g)	0%	90.9%	99.1%	98.3%	
TERMINAL (d)	0/12 (0%)	10/11 (91%)	10/10 (100%)	7/7 (100%)	
FIRST INCIDENCE	---	100(T)	62	34	
STATISTICAL TESTS					
POLY 3	P=0.000**	P=0.000**	P=0.000**	P=0.000**	
POLY 1.5	P=0.000**	P=0.000**	P=0.000**	P=0.000**	
POLY 6	P=0.000**	P=0.000**	P=0.000**	P=0.000**	
COCH-ARM / FISHERS	P<0.001**	P=0.000**	P=0.000**	P<0.001**	
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P=0.000**	P=0.000**	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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First Dose M/F: NA / NA

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Rectum: Anus					
Hyperplasia					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	2/11 (18%)	3/11 (27%)	
POLY-3 RATE (b)	0/10.00	0/0.00	2/9.34	3/6.18	
POLY-3 PERCENT (g)	0%	0%	21.4%	48.5%	
TERMINAL (d)	0/10 (0%)	0/0 (0%)	2/9 (22%)	3/6 (50%)	
FIRST INCIDENCE	---	---	100(T)	100(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.210	P=0.032*	
POLY 1.5	(e)	(e)	P=0.222	P=0.041*	
POLY 6	(e)	(e)	P=0.204	P=0.030*	
COCH-ARM / FISHERS	P=0.061	(e)	P=0.262	P=0.124	
MAX-ISO-POLY-3	(e)	(e)	P=0.070	P=0.019*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:30
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Rectum: Anus					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	4/11 (36%)	3/11 (27%)	
POLY-3 RATE (b)	0/10.00	0/0.00	4/9.34	3/6.18	
POLY-3 PERCENT (g)	0%	0%	42.8%	48.5%	
TERMINAL (d)	0/10 (0%)	0/0 (0%)	4/9 (44%)	3/6 (50%)	
FIRST INCIDENCE	---	---	100(T)	100(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.026*	P=0.032*	
POLY 1.5	(e)	(e)	P=0.031*	P=0.041*	
POLY 6	(e)	(e)	P=0.023*	P=0.030*	
COCH-ARM / FISHERS	P=0.060	(e)	P=0.055	P=0.124	
MAX-ISO-POLY-3	(e)	(e)	P=0.008**	P=0.019*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:30
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Rectum: Anus, Epithelium					
Hyperplasia					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	1/11 (9%)	0/11 (0%)	
POLY-3 RATE (b)	0/10.00	0/0.00	1/9.34	0/6.18	
POLY-3 PERCENT (g)	0%	0%	10.7%	0%	
TERMINAL (d)	0/10 (0%)	0/0 (0%)	1/9 (11%)	0/6 (0%)	
FIRST INCIDENCE	---	---	100(T)	---	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.486	(e)	
POLY 1.5	(e)	(e)	P=0.496	(e)	
POLY 6	(e)	(e)	P=0.480	(e)	
COCH-ARM / FISHERS	P=0.572	(e)	P=0.524	(e)	
MAX-ISO-POLY-3	(e)	(e)	P=0.164	(e)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:30
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Large, Rectum: Goblet Cell Hyperplasia					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	9/11 (82%)	5/11 (45%)	
POLY-3 RATE (b)	0/10.00	0/0.00	9/9.34	5/7.14	
POLY-3 PERCENT (g)	0%	0%	96.4%	70%	
TERMINAL (d)	0/10 (0%)	0/0 (0%)	9/9 (100%)	4/6 (67%)	
FIRST INCIDENCE	---	---	100(T)	34	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.000**	P<0.001**	
POLY 1.5	(e)	(e)	P=0.000**	P<0.001**	
POLY 6	(e)	(e)	P=0.000**	P=0.000**	
COCH-ARM / FISHERS	P=0.007**	(e)	P=0.000**	P=0.023*	
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	P=0.000**	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Intestine Small, Ileum: Goblet Cell Hyperplasia					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	1/12 (8%)	1/12 (8%)	
POLY-3 RATE (b)	0/12.00	0/0.00	1/10.34	1/7.18	
POLY-3 PERCENT (g)	0%	0%	9.7%	13.9%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	1/10 (10%)	1/7 (14%)	
FIRST INCIDENCE	---	---	100(T)	100(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.470	P=0.402	
POLY 1.5	(e)	(e)	P=0.479	P=0.420	
POLY 6	(e)	(e)	P=0.465	P=0.398	
COCH-ARM / FISHERS	P=0.248	(e)	P=0.500	P=0.500	
MAX-ISO-POLY-3	(e)	(e)	P=0.158	P=0.155	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Kidney					
Nephropathy Chronic					
LESION RATES					
OVERALL(a)	12/12 (100%)	11/11 (100%)	12/12 (100%)	7/12 (58%)	
POLY-3 RATE (b)	12/12.00	11/11.00	12/12.00	7/7.18	
POLY-3 PERCENT (g)	100%	100%	100%	97.5%	
TERMINAL (d)	12/12 (100%)	11/11 (100%)	10/10 (100%)	7/7 (100%)	
FIRST INCIDENCE	100(T)	100(T)	46	100(T)	
STATISTICAL TESTS					
POLY 3	P=1.000N	(e)	(e)	P=1.000N	
POLY 1.5	P=0.048N*	(e)	(e)	P=0.375N	
POLY 6	P=1.000N	(e)	(e)	P=1.000N	
COCH-ARM / FISHERS	P=0.002N**	(e)	(e)	P=0.019N*	
MAX-ISO-POLY-3	P=0.000N**	(e)	(e)	P=0.014N*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Kidney: Renal Tubule Mineralization					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/11 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/11.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/12 (0%)	0/11 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Liver					
Deformity					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/11 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/11.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/12 (0%)	0/11 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Liver					
Hepatodiaphragmatic Nodule					
LESION RATES					
OVERALL(a)	0/12 (0%)	1/11 (9%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	1/11.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	9.1%	0%	0%	
TERMINAL (d)	0/12 (0%)	1/11 (9%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	100(T)	---	---	
STATISTICAL TESTS					
POLY 3	P=0.653N	P=0.483	(e)	(e)	
POLY 1.5	P=0.620N	P=0.483	(e)	(e)	
POLY 6	P=0.664N	P=0.483	(e)	(e)	
COCH-ARM / FISHERS	P=0.496N	P=0.478	(e)	(e)	
MAX-ISO-POLY-3	P=0.527N	P=0.153	(e)	(e)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Liver					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	2/12 (17%)	0/11 (0%)	0/12 (0%)	1/12 (8%)	
POLY-3 RATE (b)	2/12.00	0/11.00	0/10.34	1/7.18	
POLY-3 PERCENT (g)	16.7%	0%	0%	13.9%	
TERMINAL (d)	2/12 (17%)	0/11 (0%)	0/10 (0%)	1/7 (14%)	
FIRST INCIDENCE	100(T)	---	---	100(T)	
STATISTICAL TESTS					
POLY 3	P=0.319N	P=0.249N	P=0.265N	P=0.670N	
POLY 1.5	P=0.314N	P=0.249N	P=0.254N	P=0.641N	
POLY 6	P=0.324N	P=0.249N	P=0.272N	P=0.677N	
COCH-ARM / FISHERS	P=0.292N	P=0.261N	P=0.239N	P=0.500N	
MAX-ISO-POLY-3	P=0.346N	P=0.083N	P=0.102N	P=0.453N	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Liver					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	3/12 (25%)	0/11 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	3/12.00	0/11.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	25%	0%	0%	0%	
TERMINAL (d)	3/12 (25%)	0/11 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	100(T)	---	---	---	
STATISTICAL TESTS					
POLY 3	P=0.018N*	P=0.117N	P=0.130N	P=0.224N	
POLY 1.5	P=0.016N*	P=0.117N	P=0.121N	P=0.195N	
POLY 6	P=0.018N*	P=0.117N	P=0.136N	P=0.231N	
COCH-ARM / FISHERS	P=0.016N*	P=0.124N	P=0.109N	P=0.109N	
MAX-ISO-POLY-3	P=0.027N*	P=0.037N*	P=0.050N*	P=0.130N	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Lung					
Infiltration Cellular Histiocyte					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	1/12 (8%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/0.00	1/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	9.7%	0%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	1/10 (10%)	0/7 (0%)	
FIRST INCIDENCE	---	---	100(T)	---	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.470	(e)	
POLY 1.5	(e)	(e)	P=0.479	(e)	
POLY 6	(e)	(e)	P=0.465	(e)	
COCH-ARM / FISHERS	P=0.554	(e)	P=0.500	(e)	
MAX-ISO-POLY-3	(e)	(e)	P=0.158	(e)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Lymph Node, Mandibular Hyperplasia Lymphoid					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Lymph Node, Mesenteric Degeneration Cystic					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/3 (0%)	1/11 (9%)	1/12 (8%)	
POLY-3 RATE (b)	0/12.00	0/3.00	1/9.34	1/7.18	
POLY-3 PERCENT (g)	0%	0%	10.7%	13.9%	
TERMINAL (d)	0/12 (0%)	0/3 (0%)	1/9 (11%)	1/7 (14%)	
FIRST INCIDENCE	---	---	100(T)	100(T)	
STATISTICAL TESTS					
POLY 3	P=0.171	(e)	P=0.450	P=0.402	
POLY 1.5	P=0.180	(e)	P=0.460	P=0.420	
POLY 6	P=0.169	(e)	P=0.444	P=0.398	
COCH-ARM / FISHERS	P=0.222	(e)	P=0.478	P=0.500	
MAX-ISO-POLY-3	P=0.278	(e)	P=0.152	P=0.155	
HISTCONT SAME RTE					
HISTCONT ALL RTEs					
CURR VS HC SAME RTE					
CURR VS HC ALL RTEs					

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 9 WEEKS

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Lymph Node, Mesenteric Hyperplasia Lymphoid					
LESION RATES					
OVERALL(a)	9/12 (75%)	3/3 (100%)	9/11 (82%)	8/12 (67%)	
POLY-3 RATE (b)	9/12.00	3/3.00	9/10.10	8/8.14	
POLY-3 PERCENT (g)	75%	100%	89.1%	98.3%	
TERMINAL (d)	9/12 (75%)	3/3 (100%)	8/9 (89%)	7/7 (100%)	
FIRST INCIDENCE	100(T)	100(T)	62	34	
STATISTICAL TESTS					
POLY 3	P=0.107	P=0.438	P=0.384	P=0.219	
POLY 1.5	P=0.199	P=0.438	P=0.424	P=0.345	
POLY 6	P=0.090	P=0.438	P=0.368	P=0.194	
COCH-ARM / FISHERS	P=0.372N	P=0.484	P=0.545	P=0.500N	
MAX-ISO-POLY-3	P=0.168	P=0.231	P=0.217	P=0.118	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Lymph Node: Inguinal					
Hyperplasia Lymphoid					
LESION RATES					
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00	
POLY-3 PERCENT (g)	0%	0%	0%	100%	
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	
FIRST INCIDENCE	---	---	---	34(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	
POLY 1.5	(e)	(e)	(e)	(e)	
POLY 6	(e)	(e)	(e)	(e)	
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Lymph Node: Lumbar					
Hyperplasia Lymphoid					
LESION RATES					
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/1.00	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Pancreas: Acinus					
Degeneration					
LESION RATES					
OVERALL(a)	1/12 (8%)	0/0 (0%)	1/12 (8%)	0/12 (0%)	
POLY-3 RATE (b)	1/12.00	0/0.00	1/10.34	0/7.18	
POLY-3 PERCENT (g)	8.3%	0%	9.7%	0%	
TERMINAL (d)	1/12 (8%)	0/0 (0%)	1/10 (10%)	0/7 (0%)	
FIRST INCIDENCE	100(T)	---	100(T)	---	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.727	P=0.596N	
POLY 1.5	(e)	(e)	P=0.737	P=0.579N	
POLY 6	(e)	(e)	P=0.720	P=0.600N	
COCH-ARM / FISHERS	P=0.313N	(e)	P=0.761N	P=0.500N	
MAX-ISO-POLY-3	(e)	(e)	P=0.461	P=0.276N	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Preputial Gland Inflammation					
LESION RATES					
OVERALL(a)	7/12 (58%)	0/0 (0%)	9/12 (75%)	9/12 (75%)	
POLY-3 RATE (b)	7/12.00	0/0.00	9/12.00	9/11.03	
POLY-3 PERCENT (g)	58.3%	0%	75%	81.6%	
TERMINAL (d)	7/12 (58%)	0/0 (0%)	7/10 (70%)	5/7 (71%)	
FIRST INCIDENCE	100(T)	---	46	31	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.337	P=0.227	
POLY 1.5	(e)	(e)	P=0.337	P=0.242	
POLY 6	(e)	(e)	P=0.337	P=0.224	
COCH-ARM / FISHERS	P=0.206	(e)	P=0.333	P=0.333	
MAX-ISO-POLY-3	(e)	(e)	P=0.200	P=0.126	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Prostate Inflammation					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	1/12 (8%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	1/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	13.9%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	1/7 (14%)	
FIRST INCIDENCE	---	---	---	100(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.402	
POLY 1.5	(e)	(e)	(e)	P=0.420	
POLY 6	(e)	(e)	(e)	P=0.398	
COCH-ARM / FISHERS	P=0.249	(e)	(e)	P=0.500	
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.155	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Seminal Vesicle					
Hypoplasia					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	2/12 (17%)	3/12 (25%)	
POLY-3 RATE (b)	0/12.00	0/0.00	2/12.00	3/10.06	
POLY-3 PERCENT (g)	0%	0%	16.7%	29.8%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	46	34	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.229	P=0.070	
POLY 1.5	(e)	(e)	P=0.229	P=0.074	
POLY 6	(e)	(e)	P=0.229	P=0.069	
COCH-ARM / FISHERS	P=0.054	(e)	P=0.239	P=0.109	
MAX-ISO-POLY-3	(e)	(e)	P=0.069	P=0.025*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Spleen					
Hematopoietic Cell Proliferation					
LESION RATES					
OVERALL(a)	0/12 (0%)	1/11 (9%)	1/12 (8%)	1/12 (8%)	
POLY-3 RATE (b)	0/12.00	1/11.00	1/10.34	1/7.18	
POLY-3 PERCENT (g)	0%	9.1%	9.7%	13.9%	
TERMINAL (d)	0/12 (0%)	1/11 (9%)	1/10 (10%)	1/7 (14%)	
FIRST INCIDENCE	---	100(T)	100(T)	100(T)	
STATISTICAL TESTS					
POLY 3	P=0.219	P=0.483	P=0.470	P=0.402	
POLY 1.5	P=0.233	P=0.483	P=0.479	P=0.420	
POLY 6	P=0.214	P=0.483	P=0.465	P=0.398	
COCH-ARM / FISHERS	P=0.304	P=0.478	P=0.500	P=0.500	
MAX-ISO-POLY-3	P=0.335	P=0.153	P=0.158	P=0.155	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 9 WEEKS

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Spleen					
Hyperplasia Lymphoid					
LESION RATES					
OVERALL(a)	1/12 (8%)	1/11 (9%)	0/12 (0%)	1/12 (8%)	
POLY-3 RATE (b)	1/12.00	1/11.00	0/10.34	1/7.18	
POLY-3 PERCENT (g)	8.3%	9.1%	0%	13.9%	
TERMINAL (d)	1/12 (8%)	1/11 (9%)	0/10 (0%)	1/7 (14%)	
FIRST INCIDENCE	100(T)	100(T)	---	100(T)	
STATISTICAL TESTS					
POLY 3	P=0.578N	P=0.741	P=0.530N	P=0.635	
POLY 1.5	P=0.561N	P=0.741	P=0.521N	P=0.661	
POLY 6	P=0.587N	P=0.741	P=0.535N	P=0.629	
COCH-ARM / FISHERS	P=0.493N	P=0.739	P=0.500N	P=0.761N	
MAX-ISO-POLY-3	P=0.513	P=0.476	P=0.195N	P=0.387	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Spleen					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/11 (0%)	0/12 (0%)	0/12 (0%)	
POLY-3 RATE (b)	0/12.00	0/11.00	0/10.34	0/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	0%	
TERMINAL (d)	0/12 (0%)	0/11 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	---	
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	
POLY 1.5	(n)	(n)	(n)	(n)	
POLY 6	(n)	(n)	(n)	(n)	
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Stomach, Forestomach					
Hyperkeratosis					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	2/12 (17%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	2/9.12	
POLY-3 PERCENT (g)	0%	0%	0%	21.9%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	31	
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.169	
POLY 1.5	(e)	(e)	(e)	P=0.179	
POLY 6	(e)	(e)	(e)	P=0.167	
COCH-ARM / FISHERS	P=0.103	(e)	(e)	P=0.239	
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.065	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Testes					
Hypoplasia					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	3/12 (25%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	3/10.08	
POLY-3 PERCENT (g)	0%	0%	0%	29.8%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	---	31	
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.071	
POLY 1.5	(e)	(e)	(e)	P=0.075	
POLY 6	(e)	(e)	(e)	P=0.070	
COCH-ARM / FISHERS	P=0.045*	(e)	(e)	P=0.109	
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.025*	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Thymus					
Atrophy					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	1/11 (9%)	4/12 (33%)	
POLY-3 RATE (b)	0/12.00	0/0.00	1/11.00	4/11.04	
POLY-3 PERCENT (g)	0%	0%	9.1%	36.2%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	0/7 (0%)	
FIRST INCIDENCE	---	---	62	31	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.483	P=0.030*	
POLY 1.5	(e)	(e)	P=0.483	P=0.031*	
POLY 6	(e)	(e)	P=0.483	P=0.029*	
COCH-ARM / FISHERS	P=0.023*	(e)	P=0.478	P=0.047*	
MAX-ISO-POLY-3	(e)	(e)	P=0.153	P=0.009**	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Urinary Bladder Dilatation					
LESION RATES					
OVERALL(a)	1/12 (8%)	0/0 (0%)	0/12 (0%)	2/12 (17%)	
POLY-3 RATE (b)	1/12.00	0/0.00	0/10.34	2/7.18	
POLY-3 PERCENT (g)	8.3%	0%	0%	27.9%	
TERMINAL (d)	1/12 (8%)	0/0 (0%)	0/10 (0%)	2/7 (29%)	
FIRST INCIDENCE	100(T)	---	---	100(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.530N	P=0.326	
POLY 1.5	(e)	(e)	P=0.521N	P=0.356	
POLY 6	(e)	(e)	P=0.535N	P=0.319	
COCH-ARM / FISHERS	P=0.404	(e)	P=0.500N	P=0.500	
MAX-ISO-POLY-3	(e)	(e)	P=0.195N	P=0.193	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	CONTROL	MALE			
		1% WLN	2% WLN	3% WLN	
Urinary Bladder Hemorrhage					
LESION RATES					
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	1/12 (8%)	
POLY-3 RATE (b)	0/12.00	0/0.00	0/10.34	1/7.18	
POLY-3 PERCENT (g)	0%	0%	0%	13.9%	
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/10 (0%)	1/7 (14%)	
FIRST INCIDENCE	---	---	---	100(T)	
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.402	
POLY 1.5	(e)	(e)	(e)	P=0.420	
POLY 6	(e)	(e)	(e)	P=0.398	
COCH-ARM / FISHERS	P=0.249	(e)	(e)	P=0.500	
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.155	
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Bone Marrow				
Hypocellularity				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	4/12 (33%)	7/11 (64%)
POLY-3 RATE (b)	0/12.00	0/0.00	4/12.00	7/11.00
POLY-3 PERCENT (g)	0%	0%	33.3%	63.6%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	31	26
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.039*	P=0.000**
POLY 1.5	(e)	(e)	P=0.039*	P=0.000**
POLY 6	(e)	(e)	P=0.039*	P=0.000**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.047*	P<0.001**
MAX-ISO-POLY-3	(e)	(e)	P=0.010**	P=0.000**
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Clitoral Gland				
Infiltration Cellular Lymphoid				
LESION RATES				
OVERALL(a)	4/12 (33%)	0/0 (0%)	0/12 (0%)	1/11 (9%)
POLY-3 RATE (b)	4/12.00	0/0.00	0/8.19	1/5.19
POLY-3 PERCENT (g)	33.3%	0%	0%	19.3%
TERMINAL (d)	4/12 (33%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	100(T)	---	---	31
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.102N	P=0.497N
POLY 1.5	(e)	(e)	P=0.085N	P=0.431N
POLY 6	(e)	(e)	P=0.107N	P=0.511N
COCH-ARM / FISHERS	P=0.036N*	(e)	P=0.047N*	P=0.185N
MAX-ISO-POLY-3	(e)	(e)	P=0.058N	P=0.352N
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Clitoral Gland Inflammation				
LESION RATES				
OVERALL(a)	4/12 (33%)	0/0 (0%)	6/12 (50%)	9/11 (82%)
POLY-3 RATE (b)	4/12.00	0/0.00	6/10.06	9/9.07
POLY-3 PERCENT (g)	33.3%	0%	59.6%	99.2%
TERMINAL (d)	4/12 (33%)	0/0 (0%)	4/8 (50%)	4/4 (100%)
FIRST INCIDENCE	100(T)	---	31	26
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.214	P<0.001**
POLY 1.5	(e)	(e)	P=0.232	P<0.001**
POLY 6	(e)	(e)	P=0.210	P<0.001**
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.340	P=0.026*
MAX-ISO-POLY-3	(e)	(e)	P=0.132	P=0.000**
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Clitoral Gland				
Inflammation Chronic				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	1/12 (8%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	1/9.16	0/4.22
POLY-3 PERCENT (g)	0%	0%	10.9%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	31	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.447	(e)
POLY 1.5	(e)	(e)	P=0.457	(e)
POLY 6	(e)	(e)	P=0.443	(e)
COCH-ARM / FISHERS	P=0.542	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.157	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Clitoral Gland: Duct Dilatation				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	2/12 (17%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	2/9.16	0/4.22
POLY-3 PERCENT (g)	0%	0%	21.8%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	1/8 (12%)	0/4 (0%)
FIRST INCIDENCE	---	---	31	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.170	(e)
POLY 1.5	(e)	(e)	P=0.180	(e)
POLY 6	(e)	(e)	P=0.167	(e)
COCH-ARM / FISHERS	P=0.443	(e)	P=0.239	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.065	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Coagulating Gland Hypoplasia				
LESION RATES				
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Harderian Gland				
Infiltration Cellular Lymphoid				
LESION RATES				
OVERALL(a)	3/12 (25%)	0/0 (0%)	2/12 (17%)	0/11 (0%)
POLY-3 RATE (b)	3/12.00	0/0.00	2/8.19	0/4.22
POLY-3 PERCENT (g)	25%	0%	24.4%	0%
TERMINAL (d)	3/12 (25%)	0/0 (0%)	2/8 (25%)	0/4 (0%)
FIRST INCIDENCE	100(T)	---	100(T)	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.677N	P=0.374N
POLY 1.5	(e)	(e)	P=0.645N	P=0.313N
POLY 6	(e)	(e)	P=0.685N	P=0.388N
COCH-ARM / FISHERS	P=0.079N	(e)	P=0.500N	P=0.124N
MAX-ISO-POLY-3	(e)	(e)	P=0.491N	P=0.250N
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Heart				
Inflammation Chronic				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	1/12 (8%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	1/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	12.2%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	1/8 (12%)	0/4 (0%)
FIRST INCIDENCE	---	---	100(T)	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.425	(e)
POLY 1.5	(e)	(e)	P=0.439	(e)
POLY 6	(e)	(e)	P=0.421	(e)
COCH-ARM / FISHERS	P=0.542	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.156	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Heart				
Polyarteritis				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	1/12 (8%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	1/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	12.2%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	1/8 (12%)	0/4 (0%)
FIRST INCIDENCE	---	---	100(T)	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.425	(e)
POLY 1.5	(e)	(e)	P=0.439	(e)
POLY 6	(e)	(e)	P=0.421	(e)
COCH-ARM / FISHERS	P=0.542	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.156	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Cecum				
Infiltration Cellular Polymorphnuclr				
LESION RATES				
OVERALL(a)	0/12 (0%)	1/12 (8%)	0/12 (0%)	2/11 (18%)
POLY-3 RATE (b)	0/12.00	1/12.00	0/8.19	2/4.22
POLY-3 PERCENT (g)	0%	8.3%	0%	47.4%
TERMINAL (d)	0/12 (0%)	1/12 (8%)	0/8 (0%)	2/4 (50%)
FIRST INCIDENCE	---	100(T)	---	100(T)
STATISTICAL TESTS				
POLY 3	P=0.145	P=0.500	(e)	P=0.071
POLY 1.5	P=0.128	P=0.500	(e)	P=0.088
POLY 6	P=0.149	P=0.500	(e)	P=0.068
COCH-ARM / FISHERS	P=0.130	P=0.500	(e)	P=0.217
MAX-ISO-POLY-3	P=0.055	P=0.159	(e)	P=0.048*
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Cecum: Goblet Cell Hyperplasia				
LESION RATES				
OVERALL(a)	1/12 (8%)	6/12 (50%)	8/12 (67%)	4/11 (36%)
POLY-3 RATE (b)	1/12.00	6/12.00	8/8.19	4/4.22
POLY-3 PERCENT (g)	8.3%	50%	97.7%	94.8%
TERMINAL (d)	1/12 (8%)	6/12 (50%)	8/8 (100%)	4/4 (100%)
FIRST INCIDENCE	100(T)	100(T)	100(T)	100(T)
STATISTICAL TESTS				
POLY 3	P=0.000**	P=0.026*	P=0.000**	P=0.004**
POLY 1.5	P=0.000**	P=0.026*	P=0.000**	P=0.010**
POLY 6	P=0.000**	P=0.026*	P=0.000**	P=0.004**
COCH-ARM / FISHERS	P=0.066	P=0.034*	P=0.005**	P=0.131
MAX-ISO-POLY-3	P=0.000**	P=0.008**	P=0.000**	P=0.008**
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Colon				
Infiltration Cellular Lymphoid				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/12 (0%)	1/12 (8%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/12.00	1/9.09	0/4.22
POLY-3 PERCENT (g)	0%	0%	11%	0%
TERMINAL (d)	0/12 (0%)	0/12 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	46	---
STATISTICAL TESTS				
POLY 3	P=0.340	(e)	P=0.445	(e)
POLY 1.5	P=0.361	(e)	P=0.454	(e)
POLY 6	P=0.336	(e)	P=0.443	(e)
COCH-ARM / FISHERS	P=0.488	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.512	(e)	P=0.157	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Colon				
Infiltration Cellular Polymorphnuclr				
LESION RATES				
OVERALL(a)	0/12 (0%)	2/12 (17%)	4/12 (33%)	1/11 (9%)
POLY-3 RATE (b)	0/12.00	2/12.00	4/8.19	1/4.22
POLY-3 PERCENT (g)	0%	16.7%	48.8%	23.7%
TERMINAL (d)	0/12 (0%)	2/12 (17%)	4/8 (50%)	1/4 (25%)
FIRST INCIDENCE	---	100(T)	100(T)	100(T)
STATISTICAL TESTS				
POLY 3	P=0.014*	P=0.229	P=0.009**	P=0.323
POLY 1.5	P=0.025*	P=0.229	P=0.013*	P=0.350
POLY 6	P=0.013*	P=0.229	P=0.009**	P=0.318
COCH-ARM / FISHERS	P=0.206	P=0.239	P=0.047*	P=0.478
MAX-ISO-POLY-3	P=0.022*	P=0.069	P=0.006**	P=0.144
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Colon: Goblet Cell Hyperplasia				
LESION RATES				
OVERALL(a)	0/12 (0%)	8/12 (67%)	9/12 (75%)	4/11 (36%)
POLY-3 RATE (b)	0/12.00	8/12.00	9/9.09	4/4.22
POLY-3 PERCENT (g)	0%	66.7%	99%	94.8%
TERMINAL (d)	0/12 (0%)	8/12 (67%)	8/8 (100%)	4/4 (100%)
FIRST INCIDENCE	---	100(T)	46	100(T)
STATISTICAL TESTS				
POLY 3	P=0.000**	P=0.000**	P=0.000**	P=0.000**
POLY 1.5	P=0.000**	P=0.000**	P=0.000**	P<0.001**
POLY 6	P=0.000**	P=0.000**	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.039*	P<0.001**	P=0.000**	P=0.037*
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P=0.000**	P<0.001**
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Rectum: Anus				
Hyperplasia				
LESION RATES				
OVERALL(a)	0/11 (0%)	0/0 (0%)	2/12 (17%)	0/11 (0%)
POLY-3 RATE (b)	0/11.00	0/0.00	2/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	24.4%	0%
TERMINAL (d)	0/11 (0%)	0/0 (0%)	2/8 (25%)	0/4 (0%)
FIRST INCIDENCE	---	---	100(T)	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.165	(e)
POLY 1.5	(e)	(e)	P=0.179	(e)
POLY 6	(e)	(e)	P=0.162	(e)
COCH-ARM / FISHERS	P=0.465	(e)	P=0.261	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.067	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Rectum: Anus				
Inflammation Chronic				
LESION RATES				
OVERALL(a)	0/11 (0%)	0/0 (0%)	2/12 (17%)	1/11 (9%)
POLY-3 RATE (b)	0/11.00	0/0.00	2/8.19	1/4.22
POLY-3 PERCENT (g)	0%	0%	24.4%	23.7%
TERMINAL (d)	0/11 (0%)	0/0 (0%)	2/8 (25%)	1/4 (25%)
FIRST INCIDENCE	---	---	100(T)	100(T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.165	P=0.336
POLY 1.5	(e)	(e)	P=0.179	P=0.364
POLY 6	(e)	(e)	P=0.162	P=0.330
COCH-ARM / FISHERS	P=0.235	(e)	P=0.261	P=0.500
MAX-ISO-POLY-3	(e)	(e)	P=0.067	P=0.150
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Rectum: Anus, Epithelium				
Hyperplasia				
LESION RATES				
OVERALL(a)	0/11 (0%)	0/0 (0%)	0/12 (0%)	1/11 (9%)
POLY-3 RATE (b)	0/11.00	0/0.00	0/8.19	1/4.22
POLY-3 PERCENT (g)	0%	0%	0%	23.7%
TERMINAL (d)	0/11 (0%)	0/0 (0%)	0/8 (0%)	1/4 (25%)
FIRST INCIDENCE	---	---	---	100(T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	P=0.336
POLY 1.5	(e)	(e)	(e)	P=0.364
POLY 6	(e)	(e)	(e)	P=0.330
COCH-ARM / FISHERS	P=0.248	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.150
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Large, Rectum: Goblet Cell Hyperplasia				
LESION RATES				
OVERALL(a)	0/11 (0%)	0/0 (0%)	7/12 (58%)	3/11 (27%)
POLY-3 RATE (b)	0/11.00	0/0.00	7/8.19	3/4.22
POLY-3 PERCENT (g)	0%	0%	85.5%	71.1%
TERMINAL (d)	0/11 (0%)	0/0 (0%)	7/8 (88%)	3/4 (75%)
FIRST INCIDENCE	---	---	100(T)	100(T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.000**	P=0.010**
POLY 1.5	(e)	(e)	P=0.000**	P=0.016*
POLY 6	(e)	(e)	P=0.000**	P=0.009**
COCH-ARM / FISHERS	P=0.040*	(e)	P=0.003**	P=0.107
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	P=0.011*
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Intestine Small, Ileum: Goblet Cell Hyperplasia				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	1/11 (9%)
POLY-3 RATE (b)	0/12.00	0/0.00	0/8.19	1/4.22
POLY-3 PERCENT (g)	0%	0%	0%	23.7%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	1/4 (25%)
FIRST INCIDENCE	---	---	---	100(T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	P=0.323
POLY 1.5	(e)	(e)	(e)	P=0.350
POLY 6	(e)	(e)	(e)	P=0.318
COCH-ARM / FISHERS	P=0.239	(e)	(e)	P=0.478
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.144
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Kidney				
Nephropathy Chronic				
LESION RATES				
OVERALL(a)	0/12 (0%)	7/12 (58%)	3/12 (25%)	1/11 (9%)
POLY-3 RATE (b)	0/12.00	7/12.00	3/8.19	1/4.22
POLY-3 PERCENT (g)	0%	58.3%	36.6%	23.7%
TERMINAL (d)	0/12 (0%)	7/12 (58%)	3/8 (38%)	1/4 (25%)
FIRST INCIDENCE	---	100(T)	100(T)	100(T)
STATISTICAL TESTS				
POLY 3	P=0.031*	P=0.000**	P=0.045*	P=0.323
POLY 1.5	P=0.071	P=0.000**	P=0.052	P=0.350
POLY 6	P=0.025*	P=0.000**	P=0.043*	P=0.318
COCH-ARM / FISHERS	P=0.543N	P=0.002**	P=0.109	P=0.478
MAX-ISO-POLY-3	P=0.048*	P=0.000**	P=0.022*	P=0.144
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Kidney: Renal Tubule Mineralization				
LESION RATES				
OVERALL(a)	12/12 (100%)	12/12 (100%)	9/12 (75%)	7/11 (64%)
POLY-3 RATE (b)	12/12.00	12/12.00	9/10.06	7/7.13
POLY-3 PERCENT (g)	100%	100%	89.5%	98.2%
TERMINAL (d)	12/12 (100%)	12/12 (100%)	7/8 (88%)	4/4 (100%)
FIRST INCIDENCE	100(T)	100(T)	31	31
STATISTICAL TESTS				
POLY 3	P=0.327N	(e)	P=0.439N	P=1.000N
POLY 1.5	P=0.094N	(e)	P=0.329N	P=0.660N
POLY 6	P=0.402N	(e)	P=0.463N	P=1.000N
COCH-ARM / FISHERS	P=0.004N**	(e)	P=0.109N	P=0.037N*
MAX-ISO-POLY-3	P=0.381N	(e)	P=0.143N	P=0.026N*
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Liver				
Deformity				
LESION RATES				
OVERALL(a)	0/12 (0%)	1/12 (8%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	1/12.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	8.3%	0%	0%
TERMINAL (d)	0/12 (0%)	1/12 (8%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	100(T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.712	P=0.500	(e)	(e)
POLY 1.5	P=0.733	P=0.500	(e)	(e)
POLY 6	P=0.706	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.512N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.623N	P=0.159	(e)	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/12 (0%)	0/12 (0%)	1/11 (9%)
POLY-3 RATE (b)	0/12.00	0/12.00	0/8.19	1/5.18
POLY-3 PERCENT (g)	0%	0%	0%	19.3%
TERMINAL (d)	0/12 (0%)	0/12 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	34
STATISTICAL TESTS				
POLY 3	P=0.268	(e)	(e)	P=0.349
POLY 1.5	P=0.238	(e)	(e)	P=0.372
POLY 6	P=0.275	(e)	(e)	P=0.345
COCH-ARM / FISHERS	P=0.173	(e)	(e)	P=0.478
MAX-ISO-POLY-3	P=0.109	(e)	(e)	P=0.146
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL(a)	1/12 (8%)	0/12 (0%)	0/12 (0%)	1/11 (9%)
POLY-3 RATE (b)	1/12.00	0/12.00	0/8.19	1/4.22
POLY-3 PERCENT (g)	8.3%	0%	0%	23.7%
TERMINAL (d)	1/12 (8%)	0/12 (0%)	0/8 (0%)	1/4 (25%)
FIRST INCIDENCE	100(T)	---	---	100(T)
STATISTICAL TESTS				
POLY 3	P=0.660N	P=0.500N	P=0.573N	P=0.511
POLY 1.5	P=0.669N	P=0.500N	P=0.560N	P=0.558
POLY 6	P=0.658N	P=0.500N	P=0.577N	P=0.500
COCH-ARM / FISHERS	P=0.612	P=0.500N	P=0.500N	P=0.739
MAX-ISO-POLY-3	P=0.293	P=0.159N	P=0.248N	P=0.314
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Liver				
Vacuolization Cytoplasmic				
LESION RATES				
OVERALL(a)	0/12 (0%)	1/12 (8%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	1/12.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	8.3%	0%	0%
TERMINAL (d)	0/12 (0%)	1/12 (8%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	100(T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.712	P=0.500	(e)	(e)
POLY 1.5	P=0.733	P=0.500	(e)	(e)
POLY 6	P=0.706	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.512N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.623N	P=0.159	(e)	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Lung				
Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL(a)	1/12 (8%)	0/0 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	1/12.00	0/0.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	8.3%	0%	0%	0%
TERMINAL (d)	1/12 (8%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	100(T)	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.573N	P=0.669N
POLY 1.5	(e)	(e)	P=0.560N	P=0.644N
POLY 6	(e)	(e)	P=0.577N	P=0.674N
COCH-ARM / FISHERS	P=0.179N	(e)	P=0.500N	P=0.522N
MAX-ISO-POLY-3	(e)	(e)	P=0.248N	P=0.361N
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Lymph Node, Mesenteric				
Degeneration Cystic				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/4 (0%)	1/12 (8%)	0/10 (0%)
POLY-3 RATE (b)	0/12.00	0/4.00	1/8.19	0/4.19
POLY-3 PERCENT (g)	0%	0%	12.2%	0%
TERMINAL (d)	0/12 (0%)	0/4 (0%)	1/8 (12%)	0/4 (0%)
FIRST INCIDENCE	---	---	100(T)	---
STATISTICAL TESTS				
POLY 3	P=0.369	(e)	P=0.425	(e)
POLY 1.5	P=0.388	(e)	P=0.439	(e)
POLY 6	P=0.366	(e)	P=0.421	(e)
COCH-ARM / FISHERS	P=0.509	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.512	(e)	P=0.156	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
OVERALL(a)	9/12 (75%)	4/4 (100%)	8/12 (67%)	4/10 (40%)
POLY-3 RATE (b)	9/12.00	4/4.00	8/8.19	4/4.19
POLY-3 PERCENT (g)	75%	100%	97.7%	95.5%
TERMINAL (d)	9/12 (75%)	4/4 (100%)	8/8 (100%)	4/4 (100%)
FIRST INCIDENCE	100(T)	100(T)	100(T)	100(T)
STATISTICAL TESTS				
POLY 3	P=0.081	P=0.359	P=0.229	P=0.436
POLY 1.5	P=0.309	P=0.359	P=0.365	P=0.654
POLY 6	P=0.053	P=0.359	P=0.196	P=0.388
COCH-ARM / FISHERS	P=0.051N	P=0.393	P=0.500N	P=0.110N
MAX-ISO-POLY-3	P=0.130	P=0.189	P=0.124	P=0.288
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Lymph Node: Inguinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Lymph Node: Lumbar				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL(a)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	31(T)	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Ovary Hypoplasia				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	2/12 (17%)	5/11 (45%)
POLY-3 RATE (b)	0/12.00	0/0.00	2/10.06	5/9.06
POLY-3 PERCENT (g)	0%	0%	19.9%	55.2%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	31	26
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.189	P=0.002**
POLY 1.5	(e)	(e)	P=0.195	P=0.002**
POLY 6	(e)	(e)	P=0.188	P=0.002**
COCH-ARM / FISHERS	P=0.008**	(e)	P=0.239	P=0.014*
MAX-ISO-POLY-3	(e)	(e)	P=0.066	P<0.001**
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Ovary: Interstit Cell Hyperplasia				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	2/12 (17%)	1/11 (9%)
POLY-3 RATE (b)	0/12.00	0/0.00	2/8.19	1/4.22
POLY-3 PERCENT (g)	0%	0%	24.4%	23.7%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	2/8 (25%)	1/4 (25%)
FIRST INCIDENCE	---	---	100(T)	100(T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.150	P=0.323
POLY 1.5	(e)	(e)	P=0.163	P=0.350
POLY 6	(e)	(e)	P=0.147	P=0.318
COCH-ARM / FISHERS	P=0.217	(e)	P=0.239	P=0.478
MAX-ISO-POLY-3	(e)	(e)	P=0.063	P=0.144
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Pancreas: Acinus Degeneration				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/12 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/12.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/12 (0%)	0/12 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Spleen				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/12 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/12.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/12 (0%)	0/12 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 7 WEEKS

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Spleen				
Inflammation Chronic				
LESION RATES				
OVERALL(a)	0/12 (0%)	1/12 (8%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	1/12.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	8.3%	0%	0%
TERMINAL (d)	0/12 (0%)	1/12 (8%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	100(T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.712	P=0.500	(e)	(e)
POLY 1.5	P=0.733	P=0.500	(e)	(e)
POLY 6	P=0.706	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.512N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.623N	P=0.159	(e)	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Stomach, Forestomach				
Hyperkeratosis				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	2/12 (17%)	2/11 (18%)
POLY-3 RATE (b)	0/12.00	0/0.00	2/10.13	2/6.16
POLY-3 PERCENT (g)	0%	0%	19.7%	32.5%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	31	26
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.191	P=0.106
POLY 1.5	(e)	(e)	P=0.198	P=0.120
POLY 6	(e)	(e)	P=0.188	P=0.103
COCH-ARM / FISHERS	P=0.101	(e)	P=0.239	P=0.217
MAX-ISO-POLY-3	(e)	(e)	P=0.066	P=0.054
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Thymus Atrophy				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	4/12 (33%)	6/10 (60%)
POLY-3 RATE (b)	0/12.00	0/0.00	4/10.06	6/10.00
POLY-3 PERCENT (g)	0%	0%	39.8%	60%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	2/8 (25%)	0/4 (0%)
FIRST INCIDENCE	---	---	31	31
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.021*	P=0.000**
POLY 1.5	(e)	(e)	P=0.023*	P=0.000**
POLY 6	(e)	(e)	P=0.021*	P=0.000**
COCH-ARM / FISHERS	P=0.002**	(e)	P=0.047*	P=0.003**
MAX-ISO-POLY-3	(e)	(e)	P=0.008**	P=0.000**
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Urinary Bladder Dilatation				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Urinary Bladder Hemorrhage				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/0 (0%)	0/12 (0%)	0/11 (0%)
POLY-3 RATE (b)	0/12.00	0/0.00	0/8.19	0/4.22
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/12 (0%)	0/0 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:05:31

First Dose M/F: NA / NA

Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Uterus				
Hypoplasia				
LESION RATES				
OVERALL(a)	0/12 (0%)	0/2 (0%)	2/12 (17%)	5/11 (45%)
POLY-3 RATE (b)	0/12.00	0/2.00	2/10.06	5/9.06
POLY-3 PERCENT (g)	0%	0%	19.9%	55.2%
TERMINAL (d)	0/12 (0%)	0/2 (0%)	0/8 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	31	26
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	P=0.189	P=0.002**
POLY 1.5	P<0.001**	(e)	P=0.195	P=0.002**
POLY 6	P<0.001**	(e)	P=0.188	P=0.002**
COCH-ARM / FISHERS	P=0.006**	(e)	P=0.239	P=0.014*
MAX-ISO-POLY-3	P=0.002**	(e)	P=0.066	P<0.001**
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Uterus: Lumen Dilatation				
LESION RATES				
OVERALL(a)	3/12 (25%)	2/2 (100%)	1/12 (8%)	0/11 (0%)
POLY-3 RATE (b)	3/12.00	2/2.00	1/8.19	0/4.22
POLY-3 PERCENT (g)	25%	100%	12.2%	0%
TERMINAL (d)	3/12 (25%)	2/2 (100%)	1/8 (12%)	0/4 (0%)
FIRST INCIDENCE	100(T)	100(T)	100(T)	---
STATISTICAL TESTS				
POLY 3	P=0.264N	P=0.083	P=0.448N	P=0.374N
POLY 1.5	P=0.164N	P=0.083	P=0.417N	P=0.313N
POLY 6	P=0.293N	P=0.083	P=0.457N	P=0.388N
COCH-ARM / FISHERS	P=0.032N*	P=0.110	P=0.295N	P=0.124N
MAX-ISO-POLY-3	P=0.250N	P=0.042*	P=0.286N	P=0.250N
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:05:31
 First Dose M/F: NA / NA
 Lab: NCTR

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 7 WEEKS**

DOSE	FEMALE			
	CONTROL	1% WLN	2% WLN	3% WLN
Vagina: Lumen Dilatation				
LESION RATES				
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
FIRST INCIDENCE	---	---	---	31(T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE				
HISTCONT ALL RTES				
CURR VS HC SAME RTE				
CURR VS HC ALL RTES				

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Aloe vera whole leaf extract (native)

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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

**** END OF REPORT ****