

# Analytical Report

Tested for: Emerald Family Farms  
 Sample ID: Blackwater (SFF)  
 Sample Type: Flower  
 Lab Sample ID: C1710095-01A  
 Date Received: 10/13/2017      Date Tested 10/16/2017



## Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.035	%
Cannabidiolic Acid (CBDA)	0.0775	0.035	%
Cannabigerol (CBG)	0.0627	0.035	%
Cannabigerolic Acid (CBGA)	0.160	0.035	%
Cannabinol (CBN)	ND	0.035	%
Tetrahydrocannabinol (Δ 9THC)	0.549	0.035	%
Tetrahydrocannabinolic Acid (THCa)	21.0	0.035	%

## Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	21.8	NA	%
Total CBD equivalents	0.0688	NA	%
Total THC equivalents	18.9	NA	%

## Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.099	mg/g
Camphene	ND	0.099	mg/g
Caryophyllene oxide	0.156	0.099	mg/g
cis-Nerolidol	ND	0.099	mg/g
Eucalyptol	ND	0.099	mg/g
Geraniol	ND	0.099	mg/g
Guaiol	0.838	0.099	mg/g
Isopulegol	ND	0.099	mg/g
Limonene	1.82	0.099	mg/g
Linalool	0.312	0.099	mg/g
Myrcene	10.9	0.49	mg/g
Ocimene	ND	0.099	mg/g
Terpinolene	ND	0.099	mg/g
trans-Nerolidol	0.124	0.099	mg/g
α-Bisabolol	0.566	0.099	mg/g
α-Humulene	0.886	0.099	mg/g
α-Pinene	2.98	0.099	mg/g
α-Terpinene	ND	0.099	mg/g
β-Caryophyllene	1.78	0.099	mg/g
β-Pinene	1.57	0.099	mg/g
γ-Terpinene	ND	0.099	mg/g
Total Terpenes	21.9		mg/g

## Microbiological Analysis

3M Petrifilm/Plate Count	Result	MRL*	Units
E. coli	ND	10	cfu/g
Pseudomonas aeruginosa	ND	1,000	cfu/g
Total aerobic plate count	ND	1,000	cfu/g
Total coliforms	ND	10	cfu/g
Total yeast and mold	3,000	1,000	cfu/g

## Pesticides

LC-MS/MS	Result	MRL*	Units
Acequinocyl	ND	2.0	µg/g
Avermectin B1a	ND	0.50	µg/g
Bifenazate	ND	0.20	µg/g
Bifenthrin	ND	0.20	µg/g
Carbaryl	ND	0.20	µg/g
Daminozide	ND	1.0	µg/g
Diazinon	ND	0.20	µg/g
Etoxazole	ND	0.20	µg/g
Fenoxycarb	ND	0.20	µg/g
Imidacloprid	ND	0.40	µg/g
Kresoxim-Methyl	ND	0.40	µg/g
Myclobutanil	ND	0.20	µg/g
Paclobutrazol	ND	0.40	µg/g
Piperonyl butoxide	ND	0.20	µg/g
Pyrethrin I	ND	0.60	µg/g
Pyrethrin II	ND	0.40	µg/g
Spinosyn A	ND	0.11	µg/g
Spinosyn D	ND	0.085	µg/g
Spiromesifen	ND	0.20	µg/g
Spirotetramat	ND	0.20	µg/g
Tebuconazole	ND	0.40	µg/g
Thiamethoxam	ND	0.20	µg/g
Trifloxystrobin	ND	0.20	µg/g

ND = Not Detected at the Reporting Limit

\*This is the minimum concentration of analyte reported. There are no safety limits imposed by California at this time.

Approved for release by: