

# Analytical Report

Tested for: Emerald Family Farms  
 Sample ID: SFV (MBR)  
 Sample Type: Flower  
 Lab Sample ID: C1710155-01A  
 Date Received: 10/23/2017      Date Tested 10/23/2017



## Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.035	%
Cannabidiolic Acid (CBDA)	0.0776	0.035	%
Cannabigerol (CBG)	0.143	0.035	%
Cannabigerolic Acid (CBGA)	1.13	0.035	%
Cannabinol (CBN)	ND	0.035	%
Tetrahydrocannabinol (Δ 9THC)	0.536	0.035	%
Tetrahydrocannabinolic Acid (THCa)	21.2	0.035	%

## Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	23.0	NA	%
Total CBD equivalents	0.0688	NA	%
Total THC equivalents	19.1	NA	%

## Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.099	mg/g
Camphene	0.114	0.099	mg/g
Caryophyllene oxide	0.228	0.099	mg/g
cis-Nerolidol	ND	0.099	mg/g
Eucalyptol	ND	0.099	mg/g
Geraniol	ND	0.099	mg/g
Guaiol	0.115	0.099	mg/g
Isopulegol	0.129	0.099	mg/g
Limonene	5.48	0.49	mg/g
Linalool	0.829	0.099	mg/g
Myrcene	11.8	0.49	mg/g
Ocimene	ND	0.099	mg/g
Terpinolene	ND	0.099	mg/g
trans-Nerolidol	0.105	0.099	mg/g
α-Bisabolol	1.19	0.099	mg/g
α-Humulene	2.43	0.099	mg/g
α-Pinene	0.376	0.099	mg/g
α-Terpinene	ND	0.099	mg/g
β-Caryophyllene	8.06	0.49	mg/g
β-Pinene	0.820	0.099	mg/g
γ-Terpinene	ND	0.099	mg/g
Total Terpenes	31.7		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	2,000	1,000	cfu/g
Total coliforms	40.0	10	cfu/g
Total yeast and mold	1,000	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: