

Analytical Report

Tested for: Emerald Family Farms
 Sample ID: Harlequin (SFF)
 Sample Type: Flower
 Lab Sample ID: C1711085-01A
 Date Received: 11/10/2017 Date Tested 11/15/2017



Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	0.418	0.035	%
Cannabidiolic Acid (CBDA)	12.2	0.035	%
Cannabigerol (CBG)	0.103	0.035	%
Cannabigerolic Acid (CBGA)	0.476	0.035	%
Cannabinol (CBN)	ND	0.035	%
Tetrahydrocannabinol (Δ 9THC)	0.585	0.035	%
Tetrahydrocannabinolic Acid (THCA)	4.74	0.035	%

Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	18.5	NA	%
Total CBD equivalents	11.3	NA	%
Total THC equivalents	4.74	NA	%

Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.099	mg/g
Camphene	0.162	0.099	mg/g
Caryophyllene oxide	0.226	0.099	mg/g
cis-Nerolidol	ND	0.099	mg/g
Eucalyptol	ND	0.099	mg/g
Geraniol	ND	0.099	mg/g
Guaiol	0.320	0.099	mg/g
Isopulegol	ND	0.099	mg/g
Limonene	0.277	0.099	mg/g
Linalool	0.144	0.099	mg/g
Myrcene	1.42	0.099	mg/g
Ocimene	ND	0.099	mg/g
Terpinolene	ND	0.099	mg/g
trans-Nerolidol	ND	0.099	mg/g
α-Bisabolol	0.245	0.099	mg/g
α-Humulene	0.395	0.099	mg/g
α-Pinene	1.27	0.099	mg/g
α-Terpinene	ND	0.099	mg/g
β-Caryophyllene	0.637	0.099	mg/g
β-Pinene	0.572	0.099	mg/g
γ-Terpinene	ND	0.099	mg/g
Total Terpenes	5.67		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	6,000	1,000	cfu/g
Total coliforms	ND	10	cfu/g
Total yeast and mold	2,000	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: