

Analytical Report

Tested for: Emerald Family Farms
Sample ID: Blood Orange
Sample Type: Concentrate
Lab Sample ID: C1708024-01A
Date Received: 8/3/2017 Date Tested 8/4/2017



Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.14	%
Cannabidiolic Acid (CBDA)	0.286	0.14	%
Cannabigerol (CBG)	0.512	0.14	%
Cannabigerolic Acid (CBGA)	3.24	0.14	%
Cannabinol (CBN)	ND	0.14	%
Tetrahydrocannabinol (Δ 9THC)	1.98	0.14	%
Tetrahydrocannabinolic Acid (THCa)	73.3	0.14	%

Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	79.3	NA	%
Total CBD equivalents	0.254	NA	%
Total THC equivalents	66.3	NA	%

Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.40	mg/g
Camphene	ND	0.40	mg/g
Caryophyllene oxide	0.728	0.40	mg/g
cis-Nerolidol	ND	0.40	mg/g
Eucalyptol	ND	0.40	mg/g
Geraniol	ND	0.40	mg/g
Guaiol	1.19	0.40	mg/g
Isopulegol	ND	0.40	mg/g
Limonene	5.60	0.40	mg/g
Linalool	10.2	0.40	mg/g
Myrcene	1.60	0.40	mg/g
Ocimene	ND	0.40	mg/g
Terpinolene	ND	0.40	mg/g
trans-Nerolidol	0.623	0.40	mg/g
α -Bisabolol	3.08	0.40	mg/g
α -Humulene	4.95	0.40	mg/g
α -Pinene	0.414	0.40	mg/g
α -Terpinene	ND	0.40	mg/g
β -Caryophyllene	14.7	0.40	mg/g
β -Pinene	1.30	0.40	mg/g
γ -Terpinene	ND	0.40	mg/g
Total Terpenes	44.3		mg/g

Pesticides

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

A handwritten signature in black ink, appearing to read 'Jerry Chaney', is written over a horizontal line.

Jerry Chaney, Lab Director 08/08/17