

Analytical Report

Tested for: Emerald Family Farms

Sample ID: 149 SFV 06 #3

Sample Type: Concentrate

Lab Sample ID: C1704001-02A

Date Received: 4/3/2017

Date Tested 4/3/2017



Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.14	%
Cannabidiolic Acid (CBDA)	0.139	0.14	%
Cannabigerol (CBG)	1.63	0.14	%
Cannabigerolic Acid (CBGA)	2.19	0.14	%
Cannabinol (CBN)	0.287	0.14	%
Tetrahydrocannabinol (Δ 9THC)	39.5	0.14	%
Tetrahydrocannabinolic Acid (THCa)	21.6	0.14	%

Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	65.4	NA	%
Total CBD equivalents	0.123	NA	%
Total THC equivalents	58.5	NA	%

Pesticides

LC-MS/MS	Result	MRL*	Units
Avermectin B1a	ND	0.50	μ g/g
Kresoxim-Methyl	ND	0.40	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
Acequinocyl	ND	2.0	μ g/g
Bifenazate	ND	0.20	μ g/g
Bifenthrin	1.00	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
Fenoxycarb	ND	0.20	μ g/g
Imidacloprid	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
Spiromesifen	ND	0.20	μ g/g
Spirotetramat	ND	0.20	μ g/g
Thiamethoxam	ND	0.20	μ g/g
Trifloxystrobin	ND	0.20	μ g/g

Residual Solvents

GC-FID	Result	MRL*	Units
2-Methylbutane	ND	10	mg/kg
Acetone	84.5	10	mg/kg
Benzene	ND	2.0	mg/kg
Butane	ND	10	mg/kg
Chloroform	ND	10	mg/kg
Ethanol	13,100	10	mg/kg
Isobutane	ND	10	mg/kg
Isopropanol	13.1	10	mg/kg
Methanol	ND	10	mg/kg
n-Heptane	ND	10	mg/kg
n-Hexane	ND	10	mg/kg
n-Pentane	ND	10	mg/kg
Propane	ND	10	mg/kg
Toluene	ND	10	mg/kg
Total Residual Solvents	13,200	400	mg/kg

Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.39	mg/g
Camphene	ND	0.39	mg/g
Caryophyllene oxide	0.594	0.39	mg/g
cis-Nerolidol	ND	0.39	mg/g
Eucalyptol	ND	0.39	mg/g
Geraniol	ND	0.39	mg/g
Guaial	ND	0.39	mg/g
Isopulegol	ND	0.39	mg/g
Limonene	ND	0.39	mg/g
Linalool	1.05	0.39	mg/g
Myrcene	ND	0.39	mg/g
Ocimene	ND	0.39	mg/g
Terpinolene	ND	0.39	mg/g
trans-Nerolidol	ND	0.39	mg/g
α -Bisabolol	5.89	0.39	mg/g
α -Humulene	6.19	0.39	mg/g
α -Pinene	ND	0.39	mg/g
α -Terpinene	ND	0.39	mg/g
β -Caryophyllene	14.7	0.39	mg/g
β -Pinene	ND	0.39	mg/g
γ -Terpinene	ND	0.39	mg/g
Total Terpenes	28.4		mg/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: