

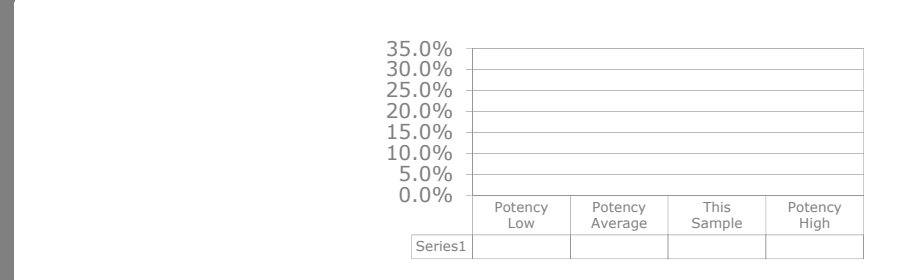
Medicinal Cannabis Certificate of Analysis

Sample Information

Member Club	Emerald Family Farms
Sample Name	Grapefruit
Sample I.D.	EFF0022-8
Sample Type	Oil
Date Received	3/17/2017
Date Tested	3/21/2017
Date Reported	3/22/2017
QC Batch(es)	PA12066-70
Test(s) Performed	Cannabinoids-edible, Mold/Fungus, Pesticides, Terpenes, RSA; RUSH



Potency Trend Analysis* for:



Physical Inspection Results

Pests Detected	No
Foreign Material	No
Resin Gland Density	NA
Resin Gland Color %	NA Amber NA Clear
Resin Gland Clarity %	NA Opaque NA Translucent
Maturity Rating	NA

THC	THCA	CBD	CBDA	CBN	Total CBC	Total CBG	THCV	CBDV	Total Cannabinoid
% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency
62.4%	ND	0.5%	ND	0.7%	1.6%	1.9%	0.5%	ND	67.6%
mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g
624.3	ND	4.8	ND	7.5	15.5	19.3	5.0	ND	676.3
mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Safety Screening Results

Mold and Fungus Screening		Pesticide and Chemical Residue Analysis	
Not Detected		Not Detected	
		Compound	Result
Result-	ND	Myclobutanil	ND
		Paclobutrazole	ND
		Bifenthrin	ND
Rating-	NA	Permethrin	ND
		β-Cyflurthrin	ND
		Cypermethrin	ND
		Fipronil	ND
		λ-Cyhalothrin	ND

ND: Not Detected

N/A: Not Applicable

Terpene Analysis:

alpha-Pinene	Camphene	beta-Pinene	Myrcene
0.27%	0.05%	0.48%	1.80%
3-Carene	R-Limonene	Eucalyptol	Ocimene
0.09%	2.27%	ND	ND
g-Terpinene	Terpinolene	Linalool	Fenchol
ND	0.14%	0.76%	0.28%
(+)-Pulegone	Menthol	Borneol	a-Terpineol
ND	ND	ND	0.64%
Geraniol	B-Caryophyllene	a-Humulene	Valencene
ND	1.98%	0.46%	1.18%
Farnesene	Nerolidol	Guaiol	a-Bisabolol
0.16%	ND	ND	ND
Eicosane	Total		
0.27%	10.83%		

*Trends based on Pure Analytics, LLC historical data

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Residual Solvent and Volatiles Analysis

Compound	Result (mg/kg)
n-butane	ND
n-pentane	ND
acetone	ND
ethanol	2.4
2-methyl butane	ND
n-hexane	ND
methane	ND
2-propanol	ND
2-methyl propane	ND
3-methyl-1-butanol	ND
1-butanol	ND
1-pentanol	ND
2-butanol	ND
1-propanol	ND
anisole	ND
ethyl acetate	ND
n-heptane	ND
2-methyl-1-propanol	ND
tert-butyl methyl ether	ND
ether	ND
ethyl formate	ND
4-methyl-2-pentanone	ND
isopropylbenzene	ND
propane	ND
1-butanone	ND
Total	2.4

