

Medicinal Cannabis Certificate of Analysis

Sample Information

Member Club	Emerald Family Farms
Sample Name	CBD Isolate (EFF)
Sample I.D.	EFF0013-3
Sample Type	Powder
Date Received	2/3/2017
Date Tested	2/6-2/7/17
Date Reported	2/8/2017
QC Batch(es)	PA11970-973
Test(s) Performed	Cannabinoids, Mold/Fungus, Pesticides, Terpenes



Physical Inspection Results

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

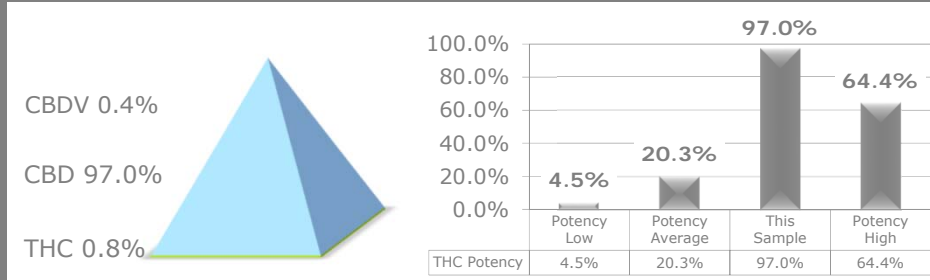
Safety Screening Results

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

ND: Not Detected

N/A: Not Applicable

Potency Trend Analysis* for: CBD Strains



Total THC	Total CBD	CBN	Total CBC	Total CBG	THCV	CBDV	Total Cannabinoid
% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency
0.8%	97.0%	ND	ND	ND	ND	0.4%	98.3%
mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g
8.1	970.1	ND	ND	ND	ND	4.5	982.6
mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL
NA	NA	NA	NA	NA	NA	NA	NA

Terpene Analysis:

alpha-Pinene	Camphene	beta-Pinene	Myrcene
ND	ND	ND	ND
3-Carene	R-Limonene	Eucalyptol	Ocimene
ND	ND	ND	ND
g-Terpinene	Terpinolene	Linalool	Fenchol
ND	ND	ND	ND
(+)-Pulegone	Menthol	Borneol	alpha-Terpineol
ND	ND	ND	ND
Geraniol	B-Caryophyllene	alpha-Humulene	Valencene
ND	ND	ND	ND
Farnesene	Nerolidol	Guaiol	alpha-Bisabolol
ND	ND	ND	ND
Eicosane	Total		
ND	ND		

*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	933.64
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	934

