

## Medicinal Cannabis Certificate of Analysis

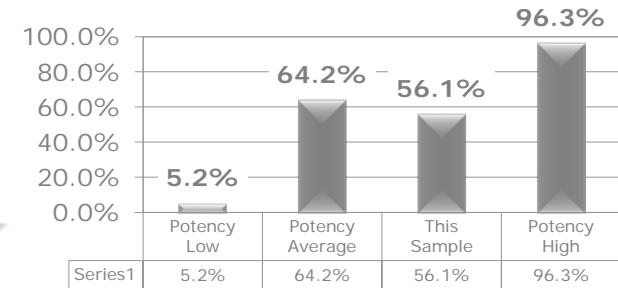
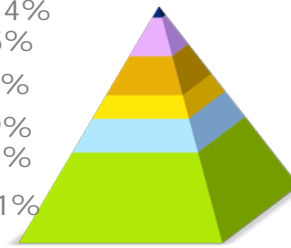
### Sample Information

Member Club	<b>Emerald Family Farms</b>
Sample Name	<b>Grapefruit B1</b>
Sample I.D.	<b>EFF0024-5</b>
Sample Type	<b>Concentrate</b>
Date Received	<b>3/31/2017</b>
Date Tested	<b>4/4/2017</b>
Date Reported	<b>4/5/2017</b>
QC Batch(es)	<b>PA12102,105-109</b>
Test(s) Performed	<b>Cannabinoids-edible, Pesticides, Terpenes, RSA;</b>



### Potency Trend Analysis\* for: Concentrate

THCV 0.4%  
CBG 1.5%  
CBC 1.5%  
CBN 0.9%  
CBD 1.3%  
THC 56.1%



### Physical Inspection Results

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

### Safety Screening Results

Mold and Fungus Screening		Pesticide and Chemical Residue Analysis	
<b>TEST NOT PERFORMED</b>		<b>Not Detected</b>	
	Result-	Compound	Result
		Myclobutanil	<b>ND</b>
		Paclobutrazole	<b>ND</b>
		Bifenthrin	<b>ND</b>
	Rating-	Permethrin	<b>ND</b>
		β-Cyflurthrin	<b>ND</b>
		Cypermethrin	<b>ND</b>
		Fipronil	<b>ND</b>
		λ-Cyhalothrin	<b>ND</b>

ND: Not Detected

N/A: Not Applicable

THC	THCA	CBD	CBDA	CBN	Total CBC	Total CBG	THCV	CBDV	Total Cannabinoid
% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency	% Potency
56.1%	ND	1.3%	ND	0.9%	1.5%	2.7%	0.4%	ND	63.0%
mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g
561.1	ND	13.2	ND	9.2	15.2	26.6	4.4	ND	629.7
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

### Terpene Analysis:

alpha-Pinene	Camphene	beta-Pinene	Myrcene
0.29%	0.02%	0.50%	1.98%
3-Carene	R-Limonene	Eucalyptol	Ocimene
0.07%	2.52%	ND	ND
g-Terpinene	Terpinolene	Linalool	Fenchol
ND	0.13%	0.73%	0.24%
(+)-Pulegone	Menthol	Borneol	α-Terpineol
ND	ND	ND	0.61%
Geraniol	β-Caryophyllene	α-Humulene	Valencene
0.09%	1.89%	0.52%	ND
Farnesene	Nerolidol	Guaiol	α-Bisabolol
0.24%	ND	0.08%	ND
Eicosane	Total		
ND	<b>9.91%</b>		

\*Trends based on Pure Analytics, LLC historical data

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Sample Name	<b>Grapefruit B1</b>
Sample I.D.	<b>EFF0024-5</b>
Sample Type	<b>Oil</b>
Date Received	<b>3/31/2017</b>
Date Tested	<b>4/4/2017</b>
Date Reported	<b>4/5/2017</b>
QC Batch(es)	<b>PA12102,105-109</b>
Test(s) Performed	<b>Cannabinoids-edible, Pesticides, Terpenes, RSA; RUSH</b>

### Residual Solvent and Volatiles Analysis

Compound	Result (mg/kg)
n-butane	ND
n-pentane	ND
acetone	ND
ethanol	ND
2-methyl butane	ND
n-hexane	ND
methane	ND
2-propanol	14
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
<b>Total</b>	<b>14</b>