

Medicinal Cannabis Certificate of Analysis

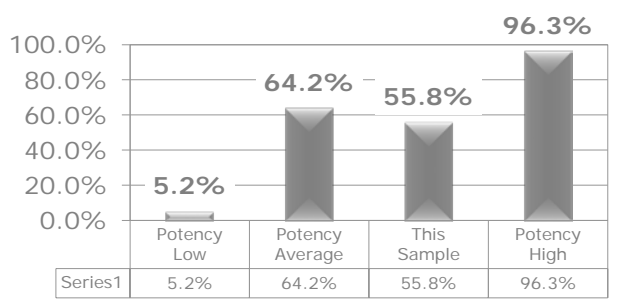
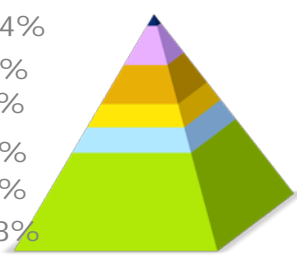
Sample Information

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



Potency Trend Analysis* for: Concentrate

THCV 0.4%
 CBG 1.5%
 CBC 1.5%
 CBN 0.9%
 CBD 1.0%
 THC 55.8%



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 |

Safety Screening Results

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

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 |
| 55.8% | ND | 1.0% | ND | 0.9% | 1.5% | 2.7% | 0.4% | ND | 62.3% |
| mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g |
| 557.9 | ND | 9.8 | ND | 9.0 | 15.1 | 27.0 | 4.5 | ND | 623.3 |
| 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 |

Terpene Analysis:

| alpha-Pinene | Camphene | beta-Pinene | Myrcene |
|--------------|-----------------|-------------|-------------|
| 0.24% | 0.02% | 0.41% | 1.45% |
| 3-Carene | R-Limonene | Eucalyptol | Ocimene |
| 0.04% | 1.74% | ND | ND |
| g-Terpinene | Terpinolene | Linalool | Fenchol |
| ND | 0.12% | 0.57% | 0.18% |
| (+)-Pulegone | Menthol | Borneol | α-Terpineol |
| ND | ND | ND | 0.53% |
| Geraniol | β-Caryophyllene | α-Humulene | Valencene |
| 0.09% | 1.50% | 1.15% | ND |
| Farnesene | Nerolidol | Guaiol | α-Bisabolol |
| 0.12% | ND | 0.18% | ND |
| Eicosane | Total | | |
| ND | 8.32% | | |

*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 | 145 |
| ethanol | 17 |
| 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 | 162 |