

PharmLabs San Diego Certificate of Analysis



Sample Lime-o-rilla

Delta9 THC 23.59% Total THC (THC + THCa) 23.59%

Sample ID 161219-029 (17902) Matrix Flower (Inhalable Cannabis Good)
 Tested for Green Team Genetics (619) 655-9191
 Sampled - Received Dec 19, 2016 Reported Dec 21, 2016
 Analyses executed CAN+, TER

* CAN+ - Cannabinoids Analysis

| Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 8.06\%$ at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|----------|----------|----------|-------------|
| Cannabidiol (CBD) | 0.039 | 0.16 | NT | NT |
| Cannabidiolic Acid (CBDA) | 0.001 | 0.16 | NT | NT |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | NT | NT |
| Cannabigerol (CBG) | 0.001 | 0.16 | NT | NT |
| Cannabidiol (CBD) | 0.001 | 0.16 | 0.02 | 0.16 |
| Tetrahydrocannabivarin (THCV) | 0.001 | 0.16 | NT | NT |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.02 | 0.24 |
| Tetrahydrocannabinol (Δ^9 -THC) | 0.003 | 0.16 | 23.59 | 235.89 |
| Δ^8 -tetrahydrocannabinol (Δ^8 -THC) | 0.004 | 0.16 | NT | NT |
| Cannabicyclol (CBL) | 0.002 | 0.16 | NT | NT |
| Cannabichromene (CBC) | 0.002 | 0.16 | NT | NT |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | NT | NT |
| Total THC (THCa * 0.877 + Δ^9 THC) | | | 23.59 | 235.89 |
| Total Cannabinoids Analyzed | | | 23.63 | 236.29 |

*Dry Weight %

TER - Terpenes Analysis

| Instrument GC/FID | Method SOP-002

| Analyte | LOD mg/g | LOQ mg/g | (%) | (mg/g) | Analyte | LOD mg/g | LOQ mg/g | (%) | (mg/g) |
|---------------------------------------|----------|----------|------|--------|--------------------------------------|----------|----------|---------------|-------------------|
| α -Pinene (α -Pin) | 0.128 | 0.427 | 1.21 | 12.12 | Camphene (Cam) | 0.147 | 0.492 | 0.04 | 0.41 |
| Myrcene (Myr) | 0.073 | 0.244 | 2.47 | 24.70 | b-Pinene (b-Pin) | 0.413 | 1.377 | 0.37 | 3.69 |
| 3-Carene (3-Car) | 0.11 | 0.366 | 0.00 | 0.04 | α -Terpinene (α -Ter) | 0.099 | 0.331 | 0.01 | 0.08 |
| α -Ocimene (α -Oci) | 0.055 | 0.182 | ND | ND | Limonene (Lim) | 0.081 | 0.268 | 1.21 | 12.11 |
| p-Cymene (p-Cym) | 0.104 | 0.347 | 0.03 | 0.31 | b-Ocimene (b-Oci) | 0.085 | 0.282 | ND | ND |
| Eucalyptol (Euc) | 0.19 | 0.634 | 0.00 | 0.02 | g-Terpinene (g-Ter) | 0.108 | 0.361 | 0.01 | 0.07 |
| Terpinolene (Terp) | 0.119 | 0.395 | 0.15 | 1.51 | Linalool (Lin) | 0.146 | 0.487 | 0.27 | 2.68 |
| Isopulegol (Isop) | 0.139 | 0.464 | 0.00 | 0.04 | Geraniol (Gera) | 0.177 | 0.589 | ND | ND |
| b-Caryophyllene (b-Cary) | 0.132 | 0.44 | 0.25 | 2.47 | α -Humulene (Hum) | 0.183 | 0.608 | 0.18 | 1.79 |
| cis-Nerolidol (ci-Ner) | 0.129 | 0.431 | ND | ND | trans-Nerolidol (tr-Ner) | 0.093 | 0.31 | ND | ND |
| Guaiol (Gua) | 0.15 | 0.499 | 0.00 | 0.02 | Caryophyllene Oxide (CarOx) | 0.183 | 0.611 | 0.00 | 0.02 |
| α -bisabolol (α -Bbis) | 0.159 | 0.529 | 0.05 | 0.47 | Nerolidol (Nero) | | | 0.01 | 0.14 |
| Ocimene (Oci) | | | 0.02 | 0.17 | | | | | |
| Total Terpene Concentration | | | | | | | | 6.29 % | 62.86 mg/g |

UJ Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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 ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Jaelyn A. Mauser

Jaelyn Mauser - Lab Director
 Wed, 21 Dec 2016 05:37:40 -0800

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