



261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis



Client Name: Full Circle Farm
License Number: CLVT0250



Sample ID: VT14658
Sample Name: Valley Girl
Sample Lot: CLTV0250-3-1VG24
Sample Matrix: Flower
Date Received: 10/29/2024
Date Reported: 11/6/2024
Date Tested: 10/30/2024



Total Cannabinoids

| | % | mg/g |
|----------------------------|---------------|----------------|
| Total THC: | 20.810 | 208.095 |
| Total CBD: | -- | -- |
| Total Cannabinoids: | 25.991 | 259.908 |

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #46014

| Analyte | % (Dry) | mg/g (Dry) | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|------------|---------|---------|------------|------------|
| CBC | ND | ND | ND | ND | 0.0003 | 0.0040 |
| CBCA | 0.3504 | 3.504 | 0.3017 | 3.017 | 0.0002 | 0.0040 |
| CBD | ND | ND | ND | ND | 0.0008 | 0.0040 |
| CBDA | ND | ND | ND | ND | 0.0002 | 0.0040 |
| CBDV | ND | ND | ND | ND | 0.0008 | 0.0040 |
| CBDVA | ND | ND | ND | ND | 0.0001 | 0.0040 |
| CBG | ND | ND | ND | ND | 0.0009 | 0.0040 |
| CBGA | 1.9123 | 19.123 | 1.6461 | 16.461 | 0.0001 | 0.0040 |
| CBN | ND | ND | ND | ND | 0.0004 | 0.0040 |
| CBNA | ND | ND | ND | ND | 0.0002 | 0.0040 |
| D8 THC | ND | ND | ND | ND | 0.0012 | 0.0040 |
| D9 THC | < LOQ | < LOQ | < LOQ | < LOQ | 0.0016 | 0.0049 |
| D10 THC | < LOQ | < LOQ | < LOQ | < LOQ | 0.0004 | 0.0040 |
| THCA | 23.7281 | 237.281 | 20.4252 | 204.252 | 0.0002 | 0.0040 |
| THCV | ND | ND | ND | ND | 0.0016 | 0.0049 |
| THCVA | < LOQ | < LOQ | < LOQ | < LOQ | 0.0002 | 0.0040 |

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #46061

| Analyte | Result (%) | Limit | Pass/Fail |
|----------------|------------|-------|-----------|
| Moisture | 13.92 | 13.00 | PASS |
| Water Activity | 0.63 | 0.65 | |

Callie Chapman

Callie Chapman
Lab Director
11/6/2024

Rev. 1 Initial Release

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Sample Name: Valley Girl
Sample Lot: CLTV0250-3-1VG24
Sample Matrix: Flower
Date Received: 10/29/2024
Date Reported: 11/6/2024
Date Tested: 10/30/2024



Total Terpenes (%) : 2.1628

Dominant Terpenes (%)

| | |
|---------------------------|---------------|
| Limonene | 0.6338 |
| beta-caryophyllene | 0.6311 |
| alpha-Humulene | 0.1823 |
| alpha-Pinene | 0.1486 |
| alpha-Bisabolol | 0.1299 |

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #46063

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene | ND | ND | 0.000002 | 0.001 |
| alpha-Bisabolol | 0.1299 | 1.299 | 0.000003 | 0.001 |
| alpha-Humulene | 0.1823 | 1.823 | 0.000002 | 0.001 |
| alpha-Pinene | 0.1486 | 1.486 | 0.000001 | 0.001 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.001 |
| alpha-Terpinolene | 0.0179 | 0.179 | 0.000004 | 0.001 |
| beta-caryophyllene | 0.6311 | 6.311 | 0.000004 | 0.001 |
| beta-Pinene | 0.1236 | 1.236 | 0.000002 | 0.001 |
| Camphene | 0.0112 | 0.112 | 0.000001 | 0.001 |
| Caryophyllene Oxide | 0.0224 | 0.224 | 0.000011 | 0.001 |
| Eucalyptol | < LOQ | < LOQ | 0.000002 | 0.001 |
| gamma-Terpinene | ND | ND | 0.000002 | 0.001 |
| Geraniol | ND | ND | 0.000008 | 0.003 |
| Guaiol | 0.0984 | 0.984 | 0.000007 | 0.001 |
| Isopulegol | ND | ND | 0.000005 | 0.001 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.001 |
| Limonene | 0.6338 | 6.338 | 0.000002 | 0.001 |
| Linalool | 0.0746 | 0.746 | 0.000003 | 0.001 |
| Nerolidol | 0.0178 | 0.178 | 0.000007 | 0.001 |
| Myrcene | 0.0396 | 0.396 | 0.000003 | 0.001 |
| Ocimene | 0.0316 | 0.316 | 0.000002 | 0.001 |
| Total Terpenes | 2.1628 | 21.628 | | |

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Lab Director
11/6/2024

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Sample ID: VT14658
Sample Name: Valley Girl
Sample Lot: CLTV0250-3-1VG24
Sample Matrix: Flower
Date Received: 10/29/2024
Date Reported: 11/6/2024
Date Tested: 10/29/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #46018

| Analyte | Result | Pass/Fail |
|--------------|---------------|-----------|
| A. Fumigatus | None Detected | PASS |
| A. Niger | None Detected | PASS |
| A. Flavus | None Detected | PASS |
| A. Terreus | None Detected | PASS |
| STEC | None Detected | PASS |
| Salmonella | None Detected | PASS |



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Certificate of Analysis

Client Name: Full Circle Farm
License Number: CLVT0250

Sample ID: VT14663
Sample Name: HL: RH, GED, AK47, PR & VG
Sample Lot: CLTV0250-3-1
Sample Matrix: Flower
Date Received: 10/29/2024
Date Reported: 11/6/2024
Date Tested: 11/4/2024



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #46140

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|---------------|-----------|--------------|---------|-----------|-----------|
| Abamectin B1a | Pass | ND | 0.10000 | 0.00687 | 0.02081 |
| Abamectin B1b | Pass | ND | 0.10000 | 0.00133 | 0.00405 |
| Acephate | Pass | ND | 0.10000 | 0.02214 | 0.06710 |
| Acequinocyl | Pass | ND | 0.10000 | 0.02276 | 0.06897 |
| Azoxystrobin | Pass | ND | 0.10000 | 0.01262 | 0.03825 |
| Bifenazate | Pass | ND | 0.10000 | 0.01232 | 0.03734 |
| Bifenthrin | Pass | ND | 3.00000 | 0.04612 | 0.13976 |
| Carbaryl | Pass | ND | 0.50000 | 0.01039 | 0.03149 |
| Chlorpyrifos | Pass | ND | 0.04000 | 0.00702 | 0.02128 |
| Cypermethrin | Pass | ND | 1.00000 | 0.02839 | 0.08604 |
| Etoxazole | Pass | ND | 0.10000 | 0.00915 | 0.02772 |
| Imazalil | Pass | ND | 0.04000 | 0.00664 | 0.02012 |
| Imidacloprid | Pass | ND | 5.00000 | 0.02001 | 0.06063 |
| Myclobutanil | Pass | ND | 0.10000 | 0.01691 | 0.05123 |
| Spinosyn A | Pass | ND | 0.10000 | 0.00632 | 0.01916 |
| Spinosyn D | Pass | ND | 0.10000 | 0.00256 | 0.00775 |
| Pyrethrins | Pass | ND | 0.50000 | 0.00022 | 0.00072 |
| | | | | 0.00498 * | 0.00015 * |

* Pyrethrins action limit represents sum of isomers I & II

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