



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

Certificate of Analysis



Client Name: Gaston Weed Company

License Number: MANU0044



Sample ID: VT4161

Sample Name: Florist Mix

Sample Lot: MANU0044-0034-FM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 10/16/2023

Date Reported: 10/24/2023

Date Tested: 10/18/2023



Total Cannabinoids

| | % | mg/g |
|----------------------------|---------------|----------------|
| Total THC: | 61.403 | 614.033 |
| Total CBD: | -- | -- |
| Total Cannabinoids: | 64.815 | 648.147 |

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: #10475

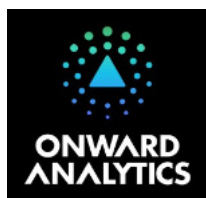
| Analyte | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|---------|------------|------------|
| CBC | 0.6081 | 6.081 | 0.0003 | 0.0040 |
| CBCA | ND | ND | 0.0002 | 0.0040 |
| CBD | < LOQ | < LOQ | 0.0008 | 0.0040 |
| CBDA | ND | ND | 0.0002 | 0.0040 |
| CBDV | ND | ND | 0.0008 | 0.0040 |
| CBDVA | ND | ND | 0.0001 | 0.0040 |
| CBG | 1.1485 | 11.485 | 0.0009 | 0.0040 |
| CBGA | 0.6632 | 6.632 | 0.0001 | 0.0040 |
| CBN | < LOQ | < LOQ | 0.0004 | 0.0040 |
| CBNA | ND | ND | 0.0002 | 0.0040 |
| D8 THC | ND | ND | 0.0012 | 0.0040 |
| D9 THC | 60.1127 | 601.127 | 0.0016 | 0.0049 |
| D10 THC | ND | ND | 0.0004 | 0.0040 |
| THCA | 1.4716 | 14.716 | 0.0002 | 0.0040 |
| THCV | 0.8106 | 8.106 | 0.0016 | 0.0049 |
| THCVA | ND | ND | 0.0002 | 0.0040 |

Callie Chapman

Callie Chapman
Lab Director
10/24/2023

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Total Terpenes (%) : 7.2084

Dominant Terpenes (%)

| | |
|---------------------|--------|
| trans-Caryophyllene | 2.3529 |
| Linalool | 0.8592 |
| alpha-Humulene | 0.8354 |
| alpha-Terpinolene | 0.4784 |
| alpha-Bisabolol | 0.4056 |

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #10479

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene | 0.0702 | 0.702 | 0.000002 | 0.002 |
| alpha-Bisabolol | 0.4056 | 4.056 | 0.000003 | 0.002 |
| alpha-Humulene | 0.8354 | 8.354 | 0.000002 | 0.002 |
| alpha-Pinene | 0.1105 | 1.105 | 0.000001 | 0.002 |
| alpha-Terpinene | 0.0835 | 0.835 | 0.000001 | 0.002 |
| alpha-Terpinolene | 0.4784 | 4.784 | 0.000004 | 0.002 |
| beta-Pinene | 0.1003 | 1.003 | 0.000002 | 0.002 |
| Camphene | 0.0832 | 0.832 | 0.000001 | 0.002 |
| Caryophyllene Oxide | 0.1746 | 1.746 | 0.000011 | 0.002 |
| Cineole | 0.0525 | 0.525 | 0.000002 | 0.002 |
| gamma-Terpinene | 0.0759 | 0.759 | 0.000002 | 0.002 |
| Geraniol | 0.3883 | 3.883 | 0.000008 | 0.002 |
| Guaiol | 0.1184 | 1.184 | 0.000007 | 0.002 |
| Isopulegol | ND | ND | 0.000005 | 0.002 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.002 |
| Limonene | 0.3853 | 3.853 | 0.000002 | 0.002 |
| Linalool | 0.8592 | 8.592 | 0.000003 | 0.002 |
| Nerolidol | 0.2796 | 2.796 | 0.000007 | 0.002 |
| Myrcene | 0.1893 | 1.893 | 0.000003 | 0.002 |
| Ocimene | 0.1653 | 1.653 | 0.000002 | 0.002 |
| trans-Caryophyllene | 2.3529 | 23.529 | 0.000004 | 0.002 |
| Total Terpenes | 7.2084 | 72.084 | | |

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Date Received: 10/16/2023

Date Reported: 10/24/2023

Date Tested: 10/23/2023



Residual Solvents

Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-0A) - Limit units: µg/g | Test ID: #10476

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|--------------------|-----------|--------------|----------|--------------------|--------------------|
| Acetone | Pass | < LOQ | 5000.000 | 17.008 | 51.538 |
| Acetonitrile | Pass | < LOQ | 410.000 | 4.017 | 12.172 |
| Benzene | Pass | < LOQ | 2.000 | 0.163 | 0.495 |
| Chloroform | Pass | < LOQ | 60.000 | 0.489 | 1.482 |
| Ethanol | Pass | < LOQ | 5000.000 | 44.183 | 133.887 |
| Heptanes (total) | Pass | < LOQ | 5000.000 | 62.270 | 188.696 |
| Hexanes (total) | Pass | < LOQ | 290.000 | 1.322 | 4.005 |
| Isopropyl Alcohol | Pass | < LOQ | 5000.000 | 2.364 | 7.162 |
| Methanol | Pass | < LOQ | 3000.000 | 27.126 | 82.201 |
| Methylene Chloride | Pass | < LOQ | 600.000 | 4.046 | 12.260 |
| Toluene | Pass | < LOQ | 890.000 | 6.317 | 19.143 |
| Xylenes (total) | Pass | < LOQ | 2170.000 | 19.426 14.858 * | 58.868 45.024 * |

Additional Solvent Analytes

| | | | | | |
|--------------------|------|-------|----------|---------|---------|
| Propane | Pass | < LOQ | 5000.000 | 110.712 | 335.490 |
| 2-Methylpropane | Pass | < LOQ | 5000.000 | 150.773 | 456.887 |
| 2,2-Dimethylbutane | Pass | < LOQ | 5000.000 | 2.869 | 8.693 |
| 2,3-Dimethylbutane | Pass | < LOQ | 5000.000 | 1.944 | 5.892 |
| n-Butane | Pass | < LOQ | 5000.000 | 152.350 | 461.667 |
| 2-Methylpentane | Pass | < LOQ | 5000.000 | 1.664 | 5.042 |
| 3-Methylpentane | Pass | < LOQ | 5000.000 | 2.056 | 6.231 |
| Isopentane | Pass | < LOQ | 5000.000 | 137.828 | 417.661 |
| n-Pentane | Pass | < LOQ | 5000.000 | 136.677 | 414.172 |
| Neopentane | Pass | < LOQ | 5000.000 | 28.431 | 86.154 |

* Xylenes action limit represents sum of m,p-Xylene and o-Xylene

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Date Reported: 10/24/2023

Date Tested: 10/19/2023



Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: ppm** | Test ID: #10478

| Analyte | Pass/Fail | Result (ppm) | Limit (ppm) | LOD (ppm) | LOQ (ppm) |
|---------|-----------|--------------|-------------|-----------|-----------|
| Arsenic | PASS | < LOQ | 1.500 | 0.0000260 | 0.00050 |
| Cadmium | PASS | < LOQ | 0.500 | 0.0000004 | 0.00050 |
| Lead | PASS | < LOQ | 1.000 | 0.0000190 | 0.00050 |
| Mercury | PASS | < LOQ | 1.500 | 0.0000039 | 0.00050 |

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Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #10477

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|---------------|-----------|--------------|---------|-----------|-----------|
| Abamectin B1a | Pass | ND | 0.10000 | 0.00156 | 0.01560 |
| Abamectin B1b | Pass | ND | 0.10000 | 0.00011 | 0.00110 |
| Acephate | Pass | ND | 0.10000 | 0.00168 | 0.01680 |
| Acequinocyl | Pass | ND | 0.10000 | 0.00167 | 0.01670 |
| Azoxystrobin | Pass | ND | 0.10000 | 0.00168 | 0.01680 |
| Bifenazate | Pass | ND | 0.10000 | 0.00167 | 0.01670 |
| Bifenthrin | Pass | ND | 3.00000 | 0.00167 | 0.01670 |
| Carbaryl | Pass | ND | 0.50000 | 0.00167 | 0.01670 |
| Chlorpyrifos | Pass | ND | 0.04000 | 0.00167 | 0.01670 |
| Cypermethrin | Pass | ND | 1.00000 | 0.00168 | 0.01680 |
| Etoxazole | Pass | ND | 0.10000 | 0.00168 | 0.01680 |
| Imazalil | Pass | ND | 0.04000 | 0.00167 | 0.01670 |
| Imidacloprid | Pass | ND | 5.00000 | 0.00166 | 0.01660 |
| Myclobutanil | Pass | ND | 0.10000 | 0.00167 | 0.01670 |
| Spinosyn A | Pass | ND | 0.10000 | 0.00120 | 0.01199 |
| Spinosyn D | Pass | ND | 0.10000 | 0.00042 | 0.00415 |
| 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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