



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: OA1315
Sample Name: Distillate Blend
Sample Lot: 0001-002
Sample Matrix: Solvent Extraction Concentrates
Date Received: 4/11/2023
Date Reported: 4/17/2023



Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #2414

| Analyte | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|---------|------------|------------|
| CBDV | < LOQ | < LOQ | 0.0008 | 0.0040 |
| CBDVA | ND | ND | 0.0001 | 0.0040 |
| THCV | < LOQ | < LOQ | 0.0016 | 0.0049 |
| CBDA | ND | ND | 0.0002 | 0.0040 |
| CBD | 21.7716 | 217.716 | 0.0008 | 0.0040 |
| CBG | 1.741 | 17.41 | 0.0009 | 0.0040 |
| CBGA | ND | ND | 0.0001 | 0.0040 |
| THCVA | ND | ND | 0.0002 | 0.0040 |
| CBN | 0.5927 | 5.927 | 0.0004 | 0.0040 |
| CBCVA | ND | ND | 0.0004 | 0.0040 |
| D9 THC | 57.5398 | 575.398 | 0.0016 | 0.0049 |
| D8 THC | ND | ND | 0.0012 | 0.0040 |
| CBNA | ND | ND | 0.0002 | 0.0040 |
| D10 THC | ND | ND | 0.0004 | 0.0040 |
| CBC | 1.6497 | 16.497 | 0.0003 | 0.0040 |
| THCA | ND | ND | 0.0002 | 0.0040 |
| BCA | ND | ND | 0.0002 | 0.0040 |

| Total Cannabinoids | | |
|---------------------|--------|---------|
| | % | mg/g |
| Total THC: | 57.540 | 575.398 |
| Total Cannabinoids: | 83.295 | 832.948 |

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



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Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #2418

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| α-Pinene | ND | ND | 0.004 | 0.013 |
| Camphene | ND | ND | 0.003 | 0.009 |
| β-Pinene | ND | ND | 0.004 | 0.013 |
| Myrcene | ND | ND | 0.004 | 0.014 |
| 3-Carene | ND | ND | 0.003 | 0.009 |
| α-Terpinene | ND | ND | 0.004 | 0.025 |
| Isopropyl Toluene | ND | ND | 0.005 | 0.016 |
| Limonene | ND | ND | 0.004 | 0.012 |
| Cineole | ND | ND | 0.003 | 0.009 |
| Ocimene | ND | ND | 0.004 | 0.012 |
| gamma-Terpinene | ND | ND | 0.005 | 0.015 |
| α-Terpinolene | ND | ND | 0.005 | 0.014 |
| Linalool | ND | ND | 0.005 | 0.014 |
| Isopulegol | ND | ND | 0.004 | 0.012 |
| Geraniol | ND | ND | 0.011 | 0.034 |
| trans-Caryophyllene | 0.0953 | 0.953 | 0.004 | 0.013 |
| α-Humulene | 0.0782 | 0.782 | 0.003 | 0.009 |
| Nerolidol | < LOQ | < LOQ | 0.011 | 0.034 |
| Caryophyllene Oxide | < LOQ | < LOQ | 0.006 | 0.017 |
| Guaiol | 0.182 | 1.82 | 0.003 | 0.009 |
| α-Bisabolol | 0.3972 | 3.972 | 0.005 | 0.014 |
| Total Terpenes | 0.7527 | 7.527 | | |

Pesticides Pass

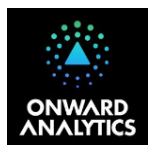
Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #2416

| Analyte | Pass/Fail | Result (ppm) | Limit (ppm) | 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 | < LOQ | 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 0.00498 * | 0.00072 0.00015 * |

* Pyrethrins action limit represents sum of isomers I & II



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Residual Solvents Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-OA) - **Limit units: µg/g** | Test ID: #2415

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|--------------------|-----------|--------------|----------|-----------|-----------|
| Acetone | Pass | < LOQ | 5000.000 | 1.000 | 4.000 |
| Acetonitrile | Pass | < LOQ | 410.000 | 3.000 | 12.000 |
| Benzene | Pass | < LOQ | 2.000 | 0.200 | 0.900 |
| Chloroform | Pass | < LOQ | 60.000 | 3.000 | 10.000 |
| Ethanol | Pass | < LOQ | 5000.000 | 15.000 | 50.000 |
| Heptanes (total) | Pass | < LOQ | 5000.000 | 15.000 | 50.000 |
| Hexanes (total) | Pass | < LOQ | 290.000 | 5.000 | 16.000 |
| Isopropyl Alcohol | Pass | < LOQ | 5000.000 | 15.000 | 50.000 |
| Methanol | Pass | < LOQ | 3000.000 | 15.000 | 50.000 |
| Methylene Chloride | Pass | < LOQ | 600.000 | 7.000 | 22.000 |
| Toluene | Pass | < LOQ | 890.000 | 12.000 | 18.000 |
| Xylenes | Pass | < LOQ | 2170.000 | 15.000 | 50.000 |

Heavy Metals PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: µg/kg** | Test ID: #2417

| Analyte | Pass/Fail | Result (ug/kg) | Limit | LOD (ug/kg) | LOQ (ug/kg) |
|---------|-----------|----------------|-------|-------------|-------------|
| Arsenic | PASS | < LOQ | 1.500 | 0.00130 | 0.050 |
| Cadmium | PASS | < LOQ | 0.500 | 0.00002 | 0.050 |
| Lead | PASS | < LOQ | 1.000 | 0.00095 | 0.050 |
| Mercury | PASS | < LOQ | 1.500 | 0.00020 | 0.050 |

Callie Chapman
 Lab Director
 4/17/2023



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