



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: VT10891
Sample Name: Grape Zkittles (Live Resin)
Sample Lot: Manu0044-121-GZ
Sample Matrix: Solvent Extraction Concentrates
Date Received: 6/21/2024
Date Reported: 6/28/2024
Date Tested: 6/25/2024



| Total Cannabinoids | | |
|---------------------|--------|---------|
| | % | mg/g |
| Total THC: | 70.965 | 709.648 |
| Total CBD: | -- | -- |
| Total Cannabinoids: | 73.238 | 732.380 |

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: #32653

| Analyte | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|---------|------------|------------|
| CBC | 0.6052 | 6.052 | 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 | 1.668 | 16.68 | 0.0009 | 0.0040 |
| CBGA | < LOQ | < LOQ | 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 | 70.9648 | 709.648 | 0.0016 | 0.0049 |
| D10 THC | ND | ND | 0.0004 | 0.0040 |
| THCA | ND | ND | 0.0002 | 0.0040 |
| THCV | < LOQ | < LOQ | 0.0016 | 0.0049 |
| THCVA | ND | ND | 0.0002 | 0.0040 |

Holly Heimsath

Holly Heimsath
QA Manager
6/28/2024

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Total Terpenes (%) : 3.7562

Dominant Terpenes (%)

| | |
|--------------------|--------|
| beta-caryophyllene | 1.9242 |
| alpha-Humulene | 0.8313 |
| alpha-Bisabolol | 0.2755 |
| Linalool | 0.2077 |
| Limonene | 0.1405 |

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #32657

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene | ND | ND | 0.000002 | 0.002 |
| alpha-Bisabolol | 0.2755 | 2.755 | 0.000003 | 0.002 |
| alpha-Humulene | 0.8313 | 8.313 | 0.000002 | 0.002 |
| alpha-Pinene | < LOQ | < LOQ | 0.000001 | 0.002 |
| alpha-Terpinene | < LOQ | < LOQ | 0.000001 | 0.002 |
| alpha-Terpinolene | 0.083 | 0.83 | 0.000004 | 0.002 |
| beta-caryophyllene | 1.9242 | 19.242 | 0.000004 | 0.002 |
| beta-Pinene | ND | ND | 0.000002 | 0.002 |
| Camphene | ND | ND | 0.000001 | 0.002 |
| Caryophyllene Oxide | 0.0403 | 0.403 | 0.000011 | 0.002 |
| Eucalyptol | ND | ND | 0.000002 | 0.002 |
| gamma-Terpinene | ND | ND | 0.000002 | 0.002 |
| Geraniol | ND | ND | 0.000008 | 0.002 |
| Guaiol | 0.0639 | 0.639 | 0.000007 | 0.002 |
| Isopulegol | ND | ND | 0.000005 | 0.002 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.002 |
| Limonene | 0.1405 | 1.405 | 0.000002 | 0.002 |
| Linalool | 0.2077 | 2.077 | 0.000003 | 0.002 |
| Nerolidol | 0.1161 | 1.161 | 0.000007 | 0.002 |
| Myrcene | 0.0737 | 0.737 | 0.000003 | 0.002 |
| Ocimene | < LOQ | < LOQ | 0.000002 | 0.002 |
| Total Terpenes | 3.7562 | 37.562 | | |

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Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: ppm** | Test ID: #32656

| 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: #32655

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|---------------|-----------|--------------|---------|----------------------|----------------------|
| Abamectin B1a | Pass | ND | 0.10000 | 0.00944 | 0.03114 |
| Abamectin B1b | Pass | ND | 0.10000 | 0.00034 | 0.00113 |
| Acephate | Pass | ND | 0.10000 | 0.00404 | 0.01333 |
| Acequinocyl | Pass | ND | 0.10000 | 0.02821 | 0.09310 |
| Azoxystrobin | Pass | ND | 0.10000 | 0.00298 | 0.00983 |
| Bifenazate | Pass | ND | 0.10000 | 0.00129 | 0.00427 |
| Bifenthrin | Pass | ND | 3.00000 | 0.01005 | 0.03317 |
| Carbaryl | Pass | ND | 0.50000 | 0.00402 | 0.01325 |
| Chlorpyrifos | Pass | ND | 0.04000 | 0.00403 | 0.01329 |
| Cypermethrin | Pass | ND | 1.00000 | 0.01010 | 0.03333 |
| Etoxazole | Pass | ND | 0.10000 | 0.00404 | 0.01333 |
| Imazalil | Pass | ND | 0.04000 | 0.01073 | 0.03539 |
| Imidacloprid | Pass | ND | 5.00000 | 0.00401 | 0.01323 |
| Myclobutanil | Pass | ND | 0.10000 | 0.00308 | 0.01016 |
| Spinosyn A | Pass | ND | 0.10000 | 0.00312 | 0.01029 |
| Spinosyn D | Pass | ND | 0.10000 | 0.00083 | 0.00273 |
| 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: #32654

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|--------------------|-----------|--------------|----------|--------------------|--------------------|
| Acetone | Pass | < LOQ | 5000.000 | 4.730 | 14.200 |
| Acetonitrile | Pass | < LOQ | 410.000 | 0.480 | 1.450 |
| Benzene | Pass | < LOQ | 2.000 | 0.020 | 0.060 |
| Chloroform | Pass | < LOQ | 60.000 | 0.070 | 0.210 |
| Ethanol | Pass | < LOQ | 5000.000 | 6.010 | 18.040 |
| Heptanes (total) | Pass | < LOQ | 5000.000 | 5.950 | 17.840 |
| Hexanes (total) | Pass | < LOQ | 0 | 0.350 | 1.040 |
| Isopropyl Alcohol | Pass | < LOQ | 5000.000 | 5.910 | 17.730 |
| Methanol | Pass | < LOQ | 3000.000 | 3.540 | 10.610 |
| Methylene Chloride | Pass | < LOQ | 600.000 | 6.400 | 19.190 |
| Toluene | Pass | < LOQ | 890.000 | 1.050 | 3.160 |
| Xylenes (total) | Pass | < LOQ | 2170.000 | 19.426 14.858 * | 58.868 45.024 * |

Additional Solvent Analytes

| | | | | | |
|--------------------|------|-------|----------|--------|--------|
| Propane | Pass | < LOQ | 5000.000 | 5.420 | 16.260 |
| 2-Methylpropane | Pass | < LOQ | 5000.000 | 5.420 | 16.270 |
| 2,2-Dimethylbutane | Pass | < LOQ | 5000.000 | 0.340 | 1.020 |
| 2,3-Dimethylbutane | Pass | < LOQ | 5000.000 | 0.340 | 1.030 |
| n-Butane | Pass | < LOQ | 0 | 5.390 | 16.160 |
| 2-Methylpentane | Pass | < LOQ | 5000.000 | 0.340 | 1.030 |
| 3-Methylpentane | Pass | < LOQ | 5000.000 | 0.680 | 2.050 |
| Isopentane | Pass | < LOQ | 5000.000 | 5.890 | 17.670 |
| n-Pentane | Pass | < LOQ | 5000.000 | 5.900 | 17.700 |
| Neopentane | Pass | < LOQ | 5000.000 | 11.870 | 35.620 |

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

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