



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

Certificate of Analysis

Client Name: Kria Commons
License Number: MANU-0005

Sample ID: VT2219
Sample Name: Green Castle Mix 2 CO2 Crude
Sample Lot: MANU0005-23-TNCC-GCM2-C1-C3
Sample Matrix: Solvent Extraction Concentrates
Date Received: 6/27/2023
Date Reported: 7/7/2023
Date Tested: 7/5/2023



| Total Cannabinoids | | |
|----------------------------|---------------|----------------|
| | % | mg/g |
| Total THC: | 71.123 | 711.232 |
| Total CBD: | -- | -- |
| Total Cannabinoids: | 79.337 | 793.368 |

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: #4360

| Analyte | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|---------|------------|------------|
| CBDV | ND | ND | 0.0008 | 0.0040 |
| CBDVA | ND | ND | 0.0001 | 0.0040 |
| THCV | 1.4893 | 14.893 | 0.0016 | 0.0049 |
| CBDA | ND | ND | 0.0002 | 0.0040 |
| CBD | < LOQ | < LOQ | 0.0008 | 0.0040 |
| CBG | 3.9498 | 39.498 | 0.0009 | 0.0040 |
| CBGA | ND | ND | 0.0001 | 0.0040 |
| THCVA | ND | ND | 0.0002 | 0.0040 |
| CBN | 1.2098 | 12.098 | 0.0004 | 0.0040 |
| CBCVA | ND | ND | 0.0004 | 0.0040 |
| D9 THC | 69.7731 | 697.731 | 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 | 1.3754 | 13.754 | 0.0003 | 0.0040 |
| THCA | 1.5394 | 15.394 | 0.0002 | 0.0040 |
| CBCA | ND | ND | 0.0002 | 0.0040 |

Callie Chapman
 Lab Director
 7/7/2023

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Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #4362

| 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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Heavy Metals PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: µg/kg** | Test ID: #4363

| 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 |

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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: #4361

| 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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