



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

Certificate of Analysis

Client Name: Forest City
License Number: CLTV0022

Sample ID: VT7139
Sample Name: Soap
Sample Lot: CLTV0022-77-001
Sample Matrix: Flower
Date Received: 1/31/2024
Date Reported: 2/7/2024
Date Tested: 2/1/2024



| Total Cannabinoids | | |
|----------------------------|---------------|----------------|
| | % | mg/g |
| Total THC: | 22.550 | 225.496 |
| Total CBD: | -- | -- |
| Total Cannabinoids: | 26.123 | 261.235 |

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: #20978

| Analyte | % (Dry) | mg/g (Dry) | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|------------|---------|---------|------------|------------|
| CBC | ND | ND | ND | ND | 0.0003 | 0.0040 |
| CBCA | < LOQ | < LOQ | < LOQ | < LOQ | 0.0002 | 0.0040 |
| CBD | < LOQ | < LOQ | < LOQ | < LOQ | 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 | 0.4696 | 4.696 | 0.4189 | 4.189 | 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 | 0.4153 | 4.153 | 0.3705 | 3.705 | 0.0016 | 0.0049 |
| D10 THC | ND | ND | ND | ND | 0.0004 | 0.0040 |
| THCA | 25.2386 | 252.386 | 22.5179 | 225.179 | 0.0002 | 0.0040 |
| THCV | ND | ND | ND | ND | 0.0016 | 0.0049 |
| THCVA | ND | ND | ND | ND | 0.0002 | 0.0040 |

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #20979

| Analyte | Result (%) | Limit | Pass/Fail |
|----------------|------------|-------|-----------|
| Moisture | 10.78 | 13.00 | |
| Water Activity | 0.50 | 0.65 | PASS |

Callie Chapman
 Lab Director
 2/7/2024

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Total Terpenes (%) : 1.9314

Dominant Terpenes (%)

| | |
|---------------------------|---------------|
| beta-caryophyllene | 0.7571 |
| Limonene | 0.5526 |
| Linalool | 0.2866 |
| alpha-Humulene | 0.1983 |
| beta-Pinene | 0.0576 |

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #20981

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene | ND | ND | 0.000002 | 0.002 |
| alpha-Bisabolol | 0.0415 | 0.415 | 0.000003 | 0.002 |
| alpha-Humulene | 0.1983 | 1.983 | 0.000002 | 0.002 |
| alpha-Pinene | 0.022 | 0.22 | 0.000001 | 0.002 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.002 |
| alpha-Terpinolene | ND | ND | 0.000004 | 0.002 |
| beta-caryophyllene | 0.7571 | 7.571 | 0.000004 | 0.002 |
| beta-Pinene | 0.0576 | 0.576 | 0.000002 | 0.002 |
| Camphene | ND | ND | 0.000001 | 0.002 |
| Caryophyllene Oxide | ND | ND | 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 | ND | ND | 0.000007 | 0.002 |
| Isopulegol | ND | ND | 0.000005 | 0.002 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.002 |
| Limonene | 0.5526 | 5.526 | 0.000002 | 0.002 |
| Linalool | 0.2866 | 2.866 | 0.000003 | 0.002 |
| Nerolidol | ND | ND | 0.000007 | 0.002 |
| Myrcene | 0.0157 | 0.157 | 0.000003 | 0.002 |
| Ocimene | ND | ND | 0.000002 | 0.002 |
| Total Terpenes | 1.9314 | 19.314 | | |

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 Lab Director
 2/7/2024

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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #20982

| 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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Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #20980

| 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 | 0.00006 | 0.00060 |
| 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 0.00498 * | 0.00072 0.00015 * |

* Pyrethrins action limit represents sum of isomers I & II

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