

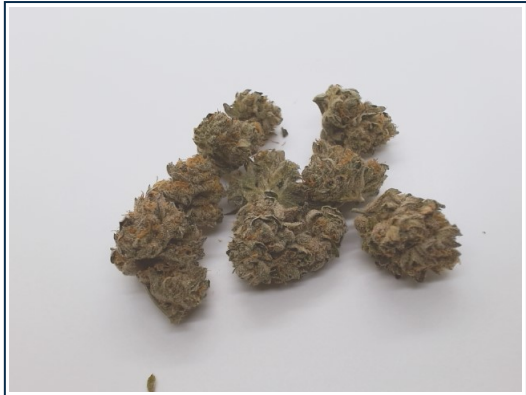


261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
 info@onwardanalytics.biz

Certificate of Analysis

Client Name: Root To Vitality Cannabis
License Number: SCLT0307-02

Sample ID: VT13343
Sample Name: Sour Sunset
Sample Lot: HL-2
Sample Matrix: Flower
Date Received: 9/17/2024
Date Reported: 9/24/2024
Date Tested: 9/19/2024



| Total Cannabinoids | | |
|----------------------------|---------------|----------------|
| | % | mg/g |
| Total THC: | 20.595 | 205.954 |
| Total CBD: | -- | -- |
| Total Cannabinoids: | 25.872 | 258.718 |

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: #40805

| Analyte | % (Dry) | mg/g (Dry) | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|------------|---------|---------|------------|------------|
| CBC | ND | ND | ND | ND | 0.0003 | 0.0040 |
| CBCA | 1.0025 | 10.025 | 0.8872 | 8.872 | 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 | 1.3854 | 13.854 | 1.2261 | 12.261 | 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 | < LOQ | < LOQ | < LOQ | < LOQ | 0.0016 | 0.0049 |
| D10 THC | ND | ND | ND | ND | 0.0004 | 0.0040 |
| THCA | 23.4839 | 234.839 | 20.7832 | 207.832 | 0.0002 | 0.0040 |
| THCV | ND | ND | ND | ND | 0.0016 | 0.0049 |
| THCVA | < LOQ | < LOQ | < LOQ | < LOQ | 0.0002 | 0.0040 |

Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #40806

| Analyte | Result (%) | Limit | Pass/Fail |
|----------------|------------|-------|-----------|
| Moisture | 11.50 | 13.00 | |
| Water Activity | 0.51 | 0.65 | PASS |

Callie Chapman

Callie Chapman
 Lab Director
 9/24/2024

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Certificate of Analysis

Client Name: Root To Vitality Cannabis
License Number: SCLT0307-02

Sample ID: VT12979
Sample Name: Sour Sunset
Sample Lot: 2
Sample Matrix: Flower
Date Received: 9/5/2024
Date Reported: 9/12/2024
Date Tested: 9/9/2024



Total Terpenes (%) : 2.4236

| Dominant Terpenes (%) | |
|-----------------------|--------|
| Myrcene | 1.3013 |
| beta-caryophyllene | 0.3961 |
| Limonene | 0.3011 |
| alpha-Humulene | 0.1572 |
| Linalool | 0.1111 |

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #39677

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene | ND | ND | 0.000002 | 0.001 |
| alpha-Bisabolol | 0.0874 | 0.874 | 0.000003 | 0.001 |
| alpha-Humulene | 0.1572 | 1.572 | 0.000002 | 0.001 |
| alpha-Pinene | 0.0237 | 0.237 | 0.000001 | 0.001 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.001 |
| alpha-Terpinolene | ND | ND | 0.000004 | 0.001 |
| beta-caryophyllene | 0.3961 | 3.961 | 0.000004 | 0.001 |
| beta-Pinene | 0.0301 | 0.301 | 0.000002 | 0.001 |
| Camphene | 0.0057 | 0.057 | 0.000001 | 0.001 |
| Caryophyllene Oxide | 0.0046 | 0.046 | 0.000011 | 0.001 |
| Eucalyptol | ND | ND | 0.000002 | 0.001 |
| gamma-Terpinene | ND | ND | 0.000002 | 0.001 |
| Geraniol | ND | ND | 0.000008 | 0.003 |
| Guaiol | ND | ND | 0.000007 | 0.001 |
| Isopulegol | ND | ND | 0.000005 | 0.001 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.001 |
| Limonene | 0.3011 | 3.011 | 0.000002 | 0.001 |
| Linalool | 0.1111 | 1.111 | 0.000003 | 0.001 |
| Nerolidol | 0.0053 | 0.053 | 0.000007 | 0.001 |
| Myrcene | 1.3013 | 13.013 | 0.000003 | 0.001 |
| Ocimene | ND | ND | 0.000002 | 0.001 |
| Total Terpenes | 2.4236 | 24.236 | | |

Callie Chapman

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 Lab Director
 9/12/2024

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Certificate of Analysis

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License Number: SCLT0307-02

Sample ID: VT12979
Sample Name: Sour Sunset
Sample Lot: 2
Sample Matrix: Flower
Date Received: 9/5/2024
Date Reported: 9/12/2024
Date Tested: 9/6/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #39678

| 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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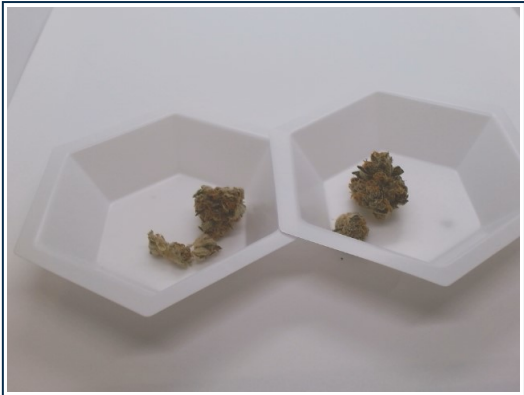


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Certificate of Analysis

Client Name: Root To Vitality Cannabis
License Number: SCLT0307-02

Sample ID: VT12980
Sample Name: HL: D33, SS
Sample Lot: 2
Sample Matrix: Flower
Date Received: 9/5/2024
Date Reported: 9/12/2024
Date Tested: 9/5/2024



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #39679

| 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 |
| Etoazole | 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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 9/12/2024

Rev. 1 Initial Release

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