



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

# Certificate of Analysis

**Client Name:** SA Cultivation  
**License Number:** SCLT0134

**Sample ID:** VT13384  
**Sample Name:** Lot Dawg  
**Sample Lot:** 240609r1  
**Sample Matrix:** Flower  
**Date Received:** 9/19/2024  
**Date Reported:** 9/26/2024  
**Date Tested:** 9/23/2024



| Total Cannabinoids         |               |                |
|----------------------------|---------------|----------------|
|                            | %             | mg/g           |
| <b>Total THC:</b>          | <b>22.416</b> | <b>224.157</b> |
| <b>Total CBD:</b>          | <b>--</b>     | <b>--</b>      |
| <b>Total Cannabinoids:</b> | <b>26.046</b> | <b>260.459</b> |

**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: #40954

| 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    | 0.641   | 6.41       | 0.5672  | 5.672   | 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  | 1.1022  | 11.022     | 0.9753  | 9.753   | 0.0016     | 0.0049     |
| D10 THC | ND      | ND         | ND      | ND      | 0.0004     | 0.0040     |
| THCA    | 24.3027 | 243.027    | 21.5055 | 215.055 | 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: #40955

| Analyte        | Result (%) | Limit | Pass/Fail |
|----------------|------------|-------|-----------|
| Moisture       | 11.51      | 13.00 |           |
| Water Activity | 0.52       | 0.65  | PASS      |

*Callie Chapman*

Callie Chapman  
 Lab Director  
 9/26/2024

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# Certificate of Analysis

**Client Name:** SA Cultivation  
**License Number:** SCLT0134

**Sample ID:** VT12969  
**Sample Name:** Lot Dawg 57  
**Sample Lot:** 240609r1  
**Sample Matrix:** Flower  
**Date Received:** 9/6/2024  
**Date Reported:** 9/13/2024  
**Date Tested:** 9/10/2024



**Total Terpenes (%) : 2.5452**

| Dominant Terpenes (%) |        |
|-----------------------|--------|
| Myrcene               | 0.9927 |
| Limonene              | 0.5985 |
| beta-caryophyllene    | 0.4153 |
| Linalool              | 0.176  |
| alpha-Humulene        | 0.1241 |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #39628

| Analyte               | Result (%)    | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene              | ND            | ND            | 0.000002   | 0.001      |
| alpha-Bisabolol       | 0.0598        | 0.598         | 0.000003   | 0.001      |
| alpha-Humulene        | 0.1241        | 1.241         | 0.000002   | 0.001      |
| alpha-Pinene          | 0.0395        | 0.395         | 0.000001   | 0.001      |
| alpha-Terpinene       | ND            | ND            | 0.000001   | 0.001      |
| alpha-Terpinolene     | 0.0048        | 0.048         | 0.000004   | 0.001      |
| beta-caryophyllene    | 0.4153        | 4.153         | 0.000004   | 0.001      |
| beta-Pinene           | 0.0678        | 0.678         | 0.000002   | 0.001      |
| Camphene              | 0.0105        | 0.105         | 0.000001   | 0.001      |
| Caryophyllene Oxide   | 0.0038        | 0.038         | 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              | 0.5985        | 5.985         | 0.000002   | 0.001      |
| Linalool              | 0.176         | 1.76          | 0.000003   | 0.001      |
| Nerolidol             | 0.0484        | 0.484         | 0.000007   | 0.001      |
| Myrcene               | 0.9927        | 9.927         | 0.000003   | 0.001      |
| Ocimene               | 0.004         | 0.04          | 0.000002   | 0.001      |
| <b>Total Terpenes</b> | <b>2.5452</b> | <b>25.452</b> |            |            |



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 Lab Director  
 9/13/2024

Rev. 1 Initial Release

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# Certificate of Analysis

**Client Name:** SA Cultivation  
**License Number:** SCLT0134

**Sample ID:** VT12963  
**Sample Name:** Mixed pesticide  
**Sample Lot:** 240609r1  
**Sample Matrix:** Flower  
**Date Received:** 9/6/2024  
**Date Reported:** 9/13/2024  
**Date Tested:** 9/9/2024



## Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #39613

| 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   | 0.00072   |
|               |           |              |         | 0.00498 * | 0.00015 * |

\* Pyrethrins action limit represents sum of isomers I & II



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# Certificate of Analysis

**Client Name:** SA Cultivation  
**License Number:** SCLT0134

**Sample ID:** VT12960  
**Sample Name:** Sour Haze Path & Pest  
**Sample Lot:** 240609r1  
**Sample Matrix:** Flower  
**Date Received:** 9/6/2024  
**Date Reported:** 9/13/2024  
**Date Tested:** 9/9/2024



## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #39610

| 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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