



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

# Certificate of Analysis



**Client Name:** Rhize Cannabis Company  
**License Number:** SCLT0295 MANU0065



**Sample ID:** 20250924-24562  
**Sample Name:** G13 Skunk Flower  
**Sample Lot:** HL-22T  
**Sample Matrix:** Flower  
**Date Received:** 9/24/2025  
**Date Reported:** 10/1/2025  
**Date Tested:** 9/30/2025



## Total Cannabinoids

|                            | %             | mg/g           |
|----------------------------|---------------|----------------|
| <b>Total THC:</b>          | <b>27.340</b> | <b>273.397</b> |
| <b>Total CBD:</b>          | <b>--</b>     | <b>--</b>      |
| <b>Total Cannabinoids:</b> | <b>32.468</b> | <b>324.675</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: #80303

| 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     | ND      | ND         | ND      | ND      | 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     | 0.2838  | 2.838      | 0.2508  | 2.508   | 0.0009     | 0.0040     |
| CBGA    | 1.0096  | 10.096     | 0.8922  | 8.922   | 0.0001     | 0.0040     |
| CBN     | ND      | ND         | ND      | ND      | 0.0004     | 0.0040     |
| CBNA    | ND      | ND         | ND      | ND      | 0.0002     | 0.0040     |
| D8 THC  | < LOQ   | < LOQ      | < LOQ   | < LOQ   | 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    | 31.1741 | 311.741    | 27.5486 | 275.486 | 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: #80304

| Analyte        | Result (%) | Limit | Pass/Fail |
|----------------|------------|-------|-----------|
| Moisture       | 11.63      | 13.00 | PASS      |
| Water Activity | 0.51       | 0.65  |           |

Holly Heimsath

Holly Heimsath  
QA Manager  
10/1/2025

Rev. 1 Initial Release

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**Sample Lot:** HL-22T

**Sample Matrix:** Flower

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**Total Terpenes (%) : 2.7862**

## Dominant Terpenes (%)

|                    |        |
|--------------------|--------|
| Myrcene            | 0.9531 |
| beta-caryophyllene | 0.6426 |
| Limonene           | 0.5775 |
| alpha-Humulene     | 0.2421 |
| beta-Pinene        | 0.097  |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #80305

| Analyte               | Result (%)    | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene              | ND            | ND            | 0.000002   | 0.001      |
| alpha-Bisabolol       | 0.0871        | 0.871         | 0.000003   | 0.001      |
| alpha-Humulene        | 0.2421        | 2.421         | 0.000002   | 0.001      |
| alpha-Pinene          | 0.0515        | 0.515         | 0.000001   | 0.001      |
| alpha-Terpinene       | ND            | ND            | 0.000001   | 0.001      |
| alpha-Terpinolene     | 0.0103        | 0.103         | 0.000004   | 0.001      |
| beta-caryophyllene    | 0.6426        | 6.426         | 0.000004   | 0.001      |
| beta-Pinene           | 0.097         | 0.97          | 0.000002   | 0.001      |
| Camphene              | 0.009         | 0.09          | 0.000001   | 0.001      |
| Caryophyllene Oxide   | 0.0274        | 0.274         | 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              | 0.5775        | 5.775         | 0.000002   | 0.001      |
| Linalool              | 0.0649        | 0.649         | 0.000003   | 0.001      |
| Nerolidol             | 0.0237        | 0.237         | 0.000007   | 0.001      |
| Myrcene               | 0.9531        | 9.531         | 0.000003   | 0.001      |
| Ocimene               | ND            | ND            | 0.000002   | 0.001      |
| <b>Total Terpenes</b> | <b>2.7862</b> | <b>27.862</b> |            |            |

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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #80306

| 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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**Client Name:** Rhize Cannabis Company  
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**Sample ID:** 20250924-24569  
**Sample Name:** Combined Pesticides  
**Sample Lot:** HL-22T: CO, GS, BF, SD  
**Sample Matrix:** Flower  
**Date Received:** 9/24/2025  
**Date Reported:** 10/1/2025  
**Date Tested:** 9/25/2025



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #80331

| Analyte       | Pass/Fail | Result (ppm) | Limit   | LOD (ppm) | LOQ (ppm) |
|---------------|-----------|--------------|---------|-----------|-----------|
| Abamectin B1a | Pass      | ND           | 0.10000 | 0.00687   | 0.02081   |
| Abamectin B1b | Pass      | ND           | 0.10000 | 0.00133   | 0.00405   |
| Acephate      | Pass      | ND           | 0.10000 | 0.02214   | 0.06710   |
| Acequinocyl   | Pass      | ND           | 0.10000 | 0.02276   | 0.06897   |
| Azoxystrobin  | Pass      | ND           | 0.10000 | 0.01262   | 0.03825   |
| Bifenazate    | Pass      | ND           | 0.10000 | 0.01232   | 0.03734   |
| Bifenthrin    | Pass      | ND           | 3.00000 | 0.04612   | 0.13976   |
| Carbaryl      | Pass      | ND           | 0.50000 | 0.01039   | 0.03149   |
| Chlorpyrifos  | Pass      | ND           | 0.04000 | 0.00702   | 0.02128   |
| Cypermethrin  | Pass      | ND           | 1.00000 | 0.02839   | 0.08604   |
| Etoazole      | Pass      | ND           | 0.10000 | 0.00915   | 0.02772   |
| Imazalil      | Pass      | ND           | 0.04000 | 0.00664   | 0.02012   |
| Imidacloprid  | Pass      | ND           | 5.00000 | 0.02001   | 0.06063   |
| Myclobutanil  | Pass      | ND           | 0.10000 | 0.01691   | 0.05123   |
| Spinosyn A    | Pass      | ND           | 0.10000 | 0.00632   | 0.01916   |
| Spinosyn D    | Pass      | ND           | 0.10000 | 0.00256   | 0.00775   |
| 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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