



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

# Certificate of Analysis

**Client Name:** Full Circle Farm  
**License Number:** CLVT0250

**Sample ID:** 20251029-25815  
**Sample Name:** Aristotle Sours  
**Sample Lot:** CLTV0250-4-1AS  
**Sample Matrix:** Flower  
**Date Received:** 10/31/2025  
**Date Reported:** 11/6/2025  
**Date Tested:** 11/4/2025



| Total Cannabinoids  |        |         |
|---------------------|--------|---------|
|                     | %      | mg/g    |
| Total THC:          | 24.608 | 246.084 |
| Total CBD:          | --     | --      |
| Total Cannabinoids: | 29.750 | 297.500 |

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-102-OA) | Test ID: #84572

| Analyte | % (Dry) | mg/g (Dry) | %       | mg/g    | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|------------|---------|---------|------------|------------|
| CBC     | ND      | ND         | ND      | ND      | 0.0003     | 0.0040     |
| CBCA    | 0.4964  | 4.964      | 0.4402  | 4.402   | 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     | < LOQ   | < LOQ      | < LOQ   | < LOQ   | 0.0009     | 0.0040     |
| CBGA    | 1.1938  | 11.938     | 1.0586  | 10.586  | 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    | 28.0598 | 280.598    | 24.8806 | 248.806 | 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: #84573

| Analyte        | Result (%) | Limit | Pass/Fail |
|----------------|------------|-------|-----------|
| Moisture       | 11.33      | 13.00 | PASS      |
| Water Activity | 0.50       | 0.65  |           |

*Callie Chapman*

Callie Chapman  
Lab Director  
11/6/2025

Rev. 1 Initial Release

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**Total Terpenes (%) : 1.7437**

## Dominant Terpenes (%)

|                           |               |
|---------------------------|---------------|
| <b>beta-caryophyllene</b> | <b>0.4673</b> |
| <b>Limonene</b>           | <b>0.4507</b> |
| <b>alpha-Humulene</b>     | <b>0.2057</b> |
| <b>Linalool</b>           | <b>0.1566</b> |
| <b>Myrcene</b>            | <b>0.1364</b> |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #84574

| Analyte               | Result (%)    | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene              | ND            | ND            | 0.000002   | 0.001      |
| alpha-Bisabolol       | 0.1218        | 1.218         | 0.000003   | 0.001      |
| alpha-Humulene        | 0.2057        | 2.057         | 0.000002   | 0.001      |
| alpha-Pinene          | 0.0383        | 0.383         | 0.000001   | 0.001      |
| alpha-Terpinene       | ND            | ND            | 0.000001   | 0.001      |
| alpha-Terpinolene     | 0.0091        | 0.091         | 0.000004   | 0.001      |
| beta-caryophyllene    | 0.4673        | 4.673         | 0.000004   | 0.001      |
| beta-Pinene           | 0.0724        | 0.724         | 0.000002   | 0.001      |
| Camphene              | 0.0068        | 0.068         | 0.000001   | 0.001      |
| Caryophyllene Oxide   | 0.0163        | 0.163         | 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                | 0.0427        | 0.427         | 0.000007   | 0.001      |
| Isopulegol            | ND            | ND            | 0.000005   | 0.001      |
| Isopropyl Toluene     | ND            | ND            | 0.000003   | 0.001      |
| Limonene              | 0.4507        | 4.507         | 0.000002   | 0.001      |
| Linalool              | 0.1566        | 1.566         | 0.000003   | 0.001      |
| Nerolidol             | 0.0196        | 0.196         | 0.000007   | 0.001      |
| Myrcene               | 0.1364        | 1.364         | 0.000003   | 0.001      |
| Ocimene               | ND            | ND            | 0.000002   | 0.001      |
| <b>Total Terpenes</b> | <b>1.7437</b> | <b>17.437</b> |            |            |

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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #84575

| 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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## Certificate of Analysis



**Client Name:** Full Circle Farm

**License Number:** CLVT0250



**Sample ID:** 20251029-25823

**Sample Name:** HL4: BP, AS, VG, PR & RH

**Sample Lot:** CLTV0250-4

**Sample Matrix:** Flower

**Date Received:** 10/31/2025

**Date Reported:** 11/6/2025

**Date Tested:** 11/3/2025



### Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #84617

| 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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