

CERTIFICATE OF ANALYSIS

PRODUCED: APR 28, 2025



CULTIVATOR INFO

CULTIVATOR  
253  
253 MILLERS FALLS RD  
TURNERS FALLS, MA 01376

LICENSE  
MC281258  
ADULT-USE - CULTIVATOR LICENSE

BATCH NO.: AMORETTO SOUR-033125-7  
TEST PKG: 1A40A0300001195000021578  
SRC PKG: 1A40A0300001195000021577  
MATRIX: FLOWER  
SAMPLE ID: STL-250422-001  
SAMPLE NAME: M00001598932: AMORETTO  
SOUR BUDS  
TESTING DATES: APR 23, 2025 - APR 28, 2025  
RECEIVED ON: APR 22, 2025  
COA EXPIRATION DATE: APR 28, 2026

BATCH RESULT: PASS

POTENCY 30.163 %  
TOTAL AVAILABLE CANNABINOIDS  
METALS PASS  
MICROBIAL PASS  
MOISTURE 9.236 %

MYCOTOXINS PASS  
PESTICIDES PASS  
TERPENES 2.344 %

CANNABINOID OVERVIEW

TOTAL THC: 25.656 %  
TOTAL CBD: < LOQ %  
TOTAL AVAILABLE CANNABINOIDS: 30.163 %

RESULTS CERTIFIED BY: SHANTELL GEORGE  
LABORATORY DIRECTOR, SAFETIVA LABS  
APR 28, 2025



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## TM-1: CANNABINOIDS BY HPLC-UV // APR 23, 2025

ANALYSTS ID: 158120

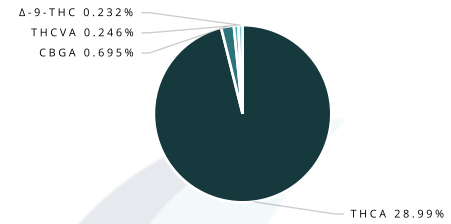
| ANALYTE                                     | LOQ (%) | AMT      | PASS/FAIL |
|---------------------------------------------|---------|----------|-----------|
| Total Available Cannabinoids * <sup>1</sup> |         | 30.163 % | N/A       |
| Total THC * <sup>2</sup>                    |         | 25.656 % | N/A       |
| Total CBD * <sup>3</sup>                    |         | < LOQ    | N/A       |
| THCA                                        | 0.100   | 28.990 % | N/A       |
| CBGA                                        | 0.100   | 0.695 %  | N/A       |
| THCVA                                       | 0.100   | 0.246 %  | N/A       |
| Δ <sup>9</sup> -THC                         | 0.100   | 0.232 %  | N/A       |
| CBCA                                        | 0.500   | < LOQ    | N/A       |
| CBDA                                        | 0.100   | < LOQ    | N/A       |
| CBDVA                                       | 0.100   | < LOQ    | N/A       |
| CBG                                         | 0.100   | < LOQ    | N/A       |
| CBNA                                        | 0.100   | < LOQ    | N/A       |
| Δ <sup>8</sup> -THC                         | 0.100   | < LOQ    | N/A       |
| CBC                                         | 0.100   | ND       | N/A       |
| CBD                                         | 0.100   | ND       | N/A       |
| CBDV                                        | 0.100   | ND       | N/A       |
| CBL                                         | 0.100   | ND       | N/A       |
| CBN                                         | 0.100   | ND       | N/A       |
| THCV                                        | 0.100   | ND       | N/A       |

\*<sup>1</sup> TOTAL AVAILABLE CANNABINOIDS = CBC + CBCA + CBD + CBDA + CBDV + CBDVA + CBG + CBGA + CBL + CBN + CBNA + DELTA-8-THC + DELTA-9-THC + THCA + THCV + THCVA

\*<sup>2</sup> TOTAL THC = (THCA X 0.877) + DELTA-9-THC

\*<sup>3</sup> TOTAL CBD = (CBDA X 0.877) + CBD

THCA 96.1%    CBGA 2.3%  
THCVA 0.8%    Δ-9-THC 0.8%

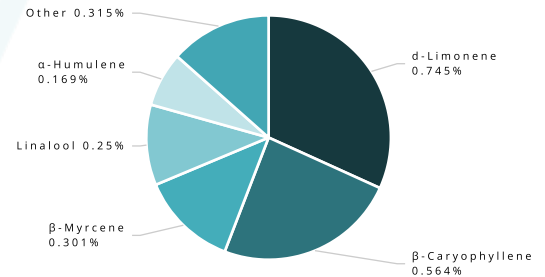


## TM-5: TERPENES BY GC-MS (SINGLE QUAD) // APR 23, 2025

ANALYSTS ID: 164282

| ANALYTE             | LOQ (%) | AMT (%) | AMT (mg/g) | PASS/FAIL |
|---------------------|---------|---------|------------|-----------|
| Total Terpenes      |         | 2.344   | 23.44      | N/A       |
| d-Limonene          | 0.025   | 0.745   | 7.45       | N/A       |
| β-Caryophyllene     | 0.025   | 0.564   | 5.64       | N/A       |
| β-Myrcene           | 0.025   | 0.301   | 3.01       | N/A       |
| Linalool            | 0.025   | 0.250   | 2.50       | N/A       |
| α-Humulene          | 0.025   | 0.169   | 1.69       | N/A       |
| β-Pinene            | 0.025   | 0.142   | 1.42       | N/A       |
| α-Pinene            | 0.025   | 0.102   | 1.02       | N/A       |
| β-Ocimene           | 0.018   | 0.071   | 0.71       | N/A       |
| α-Bisabolol         | 0.050   | < LOQ   | < LOQ      | N/A       |
| Camphene            | 0.025   | < LOQ   | < LOQ      | N/A       |
| Caryophyllene Oxide | 0.025   | < LOQ   | < LOQ      | N/A       |
| cis-β-Ocimene*      | 0.007   | < LOQ   | < LOQ      | N/A       |
| Terpinolene         | 0.025   | < LOQ   | < LOQ      | N/A       |
| 3-Carene            | 0.025   | ND      | ND         | N/A       |
| α-Terpinene         | 0.025   | ND      | ND         | N/A       |
| cis-Nerolidol       | 0.010   | ND      | ND         | N/A       |
| Eucalyptol          | 0.025   | ND      | ND         | N/A       |
| γ-Terpinene         | 0.025   | ND      | ND         | N/A       |
| Geraniol            | 0.025   | ND      | ND         | N/A       |
| Guaiol              | 0.025   | ND      | ND         | N/A       |
| Isopulegol          | 0.025   | ND      | ND         | N/A       |
| p-Cymene*           | 0.025   | ND      | ND         | N/A       |
| trans-Nerolidol     | 0.015   | ND      | ND         | N/A       |

d-Limonene 31.8%    β-Caryophyllene 24.1%  
β-Myrcene 12.8%    Linalool 10.7%  
α-Humulene 7.2%    Other 13.4%



\* BEYOND SCOPE OF ACCREDITATION  
DRY-WEIGHT AMOUNTS SHOWN

## TM-7: MOISTURE CONTENT BY MOISTURE ANALYZER // APR 23, 2025

ANALYSTS ID: 164282

| ANALYTE  | AMT (%) |
|----------|---------|
| Moisture | 9.236   |

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TM-4: MYCOTOXINS BY LC-MS/MS // APR 24, 2025  
ANALYSTS ID: 158120

| ANALYTE      | LOQ (ppb) | LIMIT (ppb) | AMT (ppb) | PASS/FAIL |
|--------------|-----------|-------------|-----------|-----------|
| Aflatoxin B1 | 4.000     | 20          | ND        | Pass      |
| Aflatoxin B2 | 4.000     | 20          | ND        | Pass      |
| Aflatoxin G1 | 4.000     | 20          | ND        | Pass      |
| Aflatoxin G2 | 4.000     | 20          | ND        | Pass      |
| Aflatoxins   |           | 20          | ND        | Pass      |
| Ochratoxin A | 4.000     | 20          | ND        | Pass      |

TM-4: PESTICIDES BY LC-MS/MS // APR 24, 2025  
ANALYSTS ID: 158120

| ANALYTE         | LOQ (ppb) | LIMIT (ppb) | AMT (ppb) | PASS/FAIL |
|-----------------|-----------|-------------|-----------|-----------|
| Bifenazate      | 5.000     | 10          | ND        | Pass      |
| Bifenthrin      | 5.000     | 10          | ND        | Pass      |
| Cyfluthrin      | 5.000     | 10          | ND        | Pass      |
| Etoxazole       | 5.000     | 10          | ND        | Pass      |
| Imazalil        | 5.000     | 10          | ND        | Pass      |
| Imidacloprid    | 5.000     | 10          | ND        | Pass      |
| Myclobutanil    | 5.000     | 10          | ND        | Pass      |
| Spiromesifen    | 5.000     | 10          | ND        | Pass      |
| Trifloxystrobin | 5.000     | 10          | ND        | Pass      |

TM-2: HEAVY METALS BY ICP-MS // APR 23, 2025  
ANALYSTS ID: 157426

| ANALYTE | LOQ (ppb) | LIMIT (ppb) | AMT (ppb) | PASS/FAIL |
|---------|-----------|-------------|-----------|-----------|
| Arsenic | 100.000   | 200         | < LOQ     | Pass      |
| Cadmium | 100.000   | 200         | < LOQ     | Pass      |
| Lead    | 200.000   | 500         | < LOQ     | Pass      |
| Mercury | 50.000    | 100         | < LOQ     | Pass      |

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TM-8: TOTAL AEROBIC BACTERIA BY 3M / PETRIFILM PLATING // APR 28, 2025  
ANALYSTS ID: 163077

| ANALYTE          | LIMIT (CFU/g) | AMT (CFU/g) | PASS/FAIL |
|------------------|---------------|-------------|-----------|
| Aerobic Bacteria | 100000        | 200         | Pass      |

TM-8: PATHOGENIC BACTERIA BY 3M / PETRIFILM PLATING // APR 28, 2025  
ANALYSTS ID: 163077

| ANALYTE                               | LIMIT (CFU/g) | AMT (CFU/g) | PASS/FAIL |
|---------------------------------------|---------------|-------------|-----------|
| Bile-Tolerant Gram Negative Bacteria* | 1000          | ND          | Pass      |
| Coliforms                             | 1000          | ND          | Pass      |

\* BEYOND SCOPE OF ACCREDITATION

TM-8: PATHOGENIC BACTERIA BY PCR // APR 28, 2025  
ANALYSTS ID: 163077

| ANALYTE                       | LIMIT (CFU/g)     | AMT (CFU/g) | PASS/FAIL |
|-------------------------------|-------------------|-------------|-----------|
| Salmonella spp.               | Any amt in 1 gram | ND          | Pass      |
| Shiga toxin-producing E. coli | Any amt in 1 gram | ND          | Pass      |

TM-8: TOTAL YEAST AND MOLD BY 3M / PETRIFILM PLATING // APR 28, 2025  
ANALYSTS ID: 163077

| ANALYTE      | LIMIT (CFU/g) | AMT (CFU/g) | PASS/FAIL |
|--------------|---------------|-------------|-----------|
| Yeast & Mold | 10000         | ND          | Pass      |

ACCREDITATIONS



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APR 28, 2025

A handwritten signature in black ink, appearing to be 'SG'.



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