

# CERTIFICATE OF ANALYSIS

PRODUCED: JUN 30, 2025



## CULTIVATOR INFO

**CULTIVATOR**  
253  
253 MILLERS FALLS RD  
TURNERS FALLS, MA 01376

**LICENSE**  
MC281258  
ADULT-USE - CULTIVATOR LICENSE

**BATCH NO.:** AMORETTO SOUR-051525-8  
**TEST PKG:** 1A40A0300001195000022032  
**SRC PKG:** 1A40A0300001195000022031  
**MATRIX:** FLOWER  
**SAMPLE ID:** STL-250624-058  
**SAMPLE NAME:** M00001598932: AMORETTO SOUR BUDS  
**TESTING DATES:** JUN 25, 2025 - JUN 27, 2025  
**RECEIVED ON:** JUN 24, 2025  
**COA EXPIRATION DATE:** JUN 30, 2026

**BATCH RESULT:** PASS

**POTENCY** 30.378 %  
TOTAL AVAILABLE CANNABINOIDS  
**METALS** PASS  
**MICROBIAL** PASS  
**MOISTURE** 8.152 %

**MYCOTOXINS** PASS  
**PESTICIDES** PASS  
**TERPENES** 2.291 %

## CANNABINOID OVERVIEW

**TOTAL THC:** 25.935 %  
**TOTAL CBD:** < LOQ %  
**TOTAL AVAILABLE CANNABINOIDS:** 30.378 %

**RESULTS CERTIFIED BY:** ANDREW DOYON  
DATA ANALYST, SAFETIVA LABS  
JUN 30, 2025

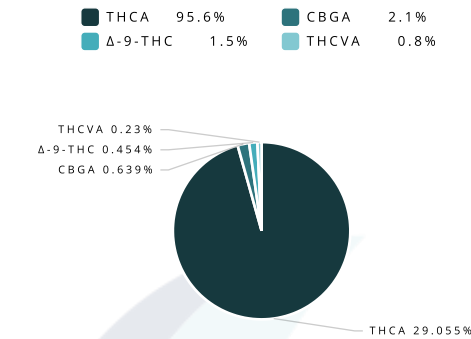


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TM-1: CANNABINOIDS BY HPLC-UV // JUN 27, 2025  
ANALYSTS ID: 164282

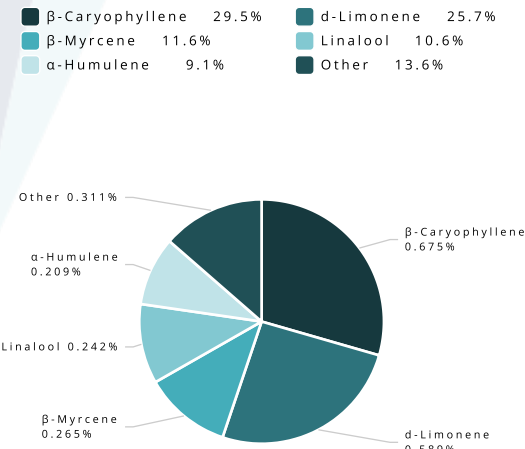
| ANALYTE                                     | LOQ (%)  | AMT         | AMT         |
|---------------------------------------------|----------|-------------|-------------|
| Total Available Cannabinoids * <sup>1</sup> | 30.378 % | 303.78 mg/g |             |
| Total THC * <sup>2</sup>                    | 25.935 % | 259.35 mg/g |             |
| Total CBD * <sup>3</sup>                    | < LOQ    | < LOQ       |             |
| THCA                                        | 0.1      | 29.055 %    | 290.55 mg/g |
| CBGA                                        | 0.1      | 0.639 %     | 6.39 mg/g   |
| Δ <sup>9</sup> -THC                         | 0.1      | 0.454 %     | 4.54 mg/g   |
| THCVA                                       | 0.1      | 0.230 %     | 2.30 mg/g   |
| CBCA                                        | 0.5      | < LOQ       | < LOQ       |
| CBDA                                        | 0.1      | < LOQ       | < LOQ       |
| CBDVA                                       | 0.1      | < LOQ       | < LOQ       |
| CBG                                         | 0.1      | < LOQ       | < LOQ       |
| CBC                                         | 0.1      | ND          | ND          |
| CBD                                         | 0.1      | ND          | ND          |
| CBDV                                        | 0.1      | ND          | ND          |
| CBL                                         | 0.1      | ND          | ND          |
| CBN                                         | 0.1      | ND          | ND          |
| CBNA                                        | 0.1      | ND          | ND          |
| Δ <sup>8</sup> -THC                         | 0.1      | ND          | ND          |
| THCV                                        | 0.1      | ND          | ND          |

\*<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



TM-5: TERPENES BY GC-MS // JUN 26, 2025  
ANALYSTS ID: 158120

| ANALYTE             | LOQ (%) | AMT (%) | AMT (mg/g) |
|---------------------|---------|---------|------------|
| Total Terpenes      |         | 2.291   | 22.91      |
| β-Caryophyllene     | 0.0250  | 0.675   | 6.75       |
| d-Limonene          | 0.0250  | 0.589   | 5.89       |
| β-Myrcene           | 0.0250  | 0.265   | 2.65       |
| Linalool            | 0.0250  | 0.242   | 2.42       |
| α-Humulene          | 0.0250  | 0.209   | 2.09       |
| β-Pinene            | 0.0250  | 0.114   | 1.14       |
| α-Pinene            | 0.0250  | 0.082   | 0.82       |
| α-Bisabolol         | 0.0500  | 0.059   | 0.59       |
| β-Ocimene           | 0.0180  | 0.056   | 0.56       |
| Camphene            | 0.0250  | < LOQ   | < LOQ      |
| Caryophyllene Oxide | 0.0250  | < LOQ   | < LOQ      |
| 3-Carene            | 0.0250  | ND      | ND         |
| α-Terpinene         | 0.0250  | ND      | ND         |
| cis-β-Ocimene       | 0.0070  | ND      | ND         |
| cis-Nerolidol       | 0.0100  | ND      | ND         |
| Eucalyptol          | 0.0250  | ND      | ND         |
| γ-Terpinene         | 0.0250  | ND      | ND         |
| Geraniol            | 0.0250  | ND      | ND         |
| Guaial              | 0.0250  | ND      | ND         |
| Isopulegol          | 0.0250  | ND      | ND         |
| p-Cymene*           | 0.0250  | ND      | ND         |
| Terpinolene         | 0.0250  | ND      | ND         |
| trans-Nerolidol     | 0.0150  | ND      | ND         |



\* BEYOND SCOPE OF ACCREDITATION  
DRY-WEIGHT AMOUNTS SHOWN

TM-7: MOISTURE CONTENT BY MOISTURE ANALYZER // JUN 25, 2025  
ANALYSTS ID: 164282

| ANALYTE  | AMT (%) |
|----------|---------|
| Moisture | 8.152   |

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TM-4: MYCOTOXINS BY LC-MS/MS // JUN 26, 2025  
ANALYSTS ID: 158120

| ANALYTE          | LOQ (ppb) | LIMIT (ppb) | AMT (ppb) | PASS/FAIL |
|------------------|-----------|-------------|-----------|-----------|
| Aflatoxin B1     | 4.0       | 20          | ND        | Pass      |
| Aflatoxin B2     | 4.0       | 20          | ND        | Pass      |
| Aflatoxin G1     | 4.0       | 20          | ND        | Pass      |
| Aflatoxin G2     | 4.0       | 20          | ND        | Pass      |
| Total Aflatoxins |           | 20          | ND        | Pass      |
| Ochratoxin A     | 4.0       | 20          | ND        | Pass      |

TM-4: PESTICIDES BY LC-MS/MS // JUN 26, 2025  
ANALYSTS ID: 158120

| ANALYTE         | LOQ (ppb) | LIMIT (ppb) | AMT (ppb) | PASS/FAIL |
|-----------------|-----------|-------------|-----------|-----------|
| Bifenazate      | 5.0       | 10          | ND        | Pass      |
| Bifenthrin      | 5.0       | 10          | ND        | Pass      |
| Cyfluthrin      | 5.0       | 10          | ND        | Pass      |
| Etoxazole       | 5.0       | 10          | ND        | Pass      |
| Imazalil        | 5.0       | 10          | ND        | Pass      |
| Imidacloprid    | 5.0       | 10          | ND        | Pass      |
| Myclobutanil    | 5.0       | 10          | ND        | Pass      |
| Spiromesifen    | 5.0       | 10          | ND        | Pass      |
| Trifloxystrobin | 5.0       | 10          | ND        | Pass      |

TM-2: HEAVY METALS BY ICP-MS // JUN 26, 2025  
ANALYSTS ID: 157426

| ANALYTE | LOQ (ppb) | LIMIT (ppb) | AMT (ppb) | PASS/FAIL |
|---------|-----------|-------------|-----------|-----------|
| Arsenic | 100.0     | 200         | < LOQ     | Pass      |
| Cadmium | 100.0     | 200         | ND        | Pass      |
| Lead    | 200.0     | 500         | < LOQ     | Pass      |
| Mercury | 50.0      | 100         | < LOQ     | Pass      |

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TM-8: PATHOGENIC BACTERIA BY PCR // JUN 26, 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: PATHOGENIC BACTERIA BY 3M / PETRIFILM PLATING // JUN 26, 2025  
ANALYSTS ID: 158277

| 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: TOTAL AEROBIC BACTERIA BY 3M / PETRIFILM PLATING // JUN 26, 2025  
ANALYSTS ID: 158277

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

TM-8: TOTAL YEAST AND MOLD BY 3M / PETRIFILM PLATING // JUN 27, 2025  
ANALYSTS ID: 163077

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

ACCREDITATIONS



RESULTS CERTIFIED BY: ANDREW DOYON  
DATA ANALYST, SAFETIVA LABS  
JUN 30, 2025

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



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