Bia Diagnostics Laboratories

Bia Diagnostics
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Lic# TLAB0029



# Sour Dub 41

**Sample ID: BIA250304S0002**
Strain: #26-02

Matrix: Plant
Type: Flower - Cured
Sample Size: 3.35 g
Lot#:

Produced:
Collected:
Received: 03/04/2025
Completed: 03/07/2025
Batch#:

Client
**Midnight Farm**
Lic. # CLTV0291
1256 W. Hill Rd
St. Johnsbury, VT 05819

## Summary

| Test | Date Tested | Result |
|---|---|---|
| Sample | | Complete |
| Cannabinoids | 03/06/2025 | Complete |
| Moisture | 03/04/2025 | 9.80% - Complete |
| Water Activity | 03/04/2025 | 0.478 aw - Complete |

## Cannabinoids

Completed

| 23.08% Total THC | 0.06% Total CBD | 28.07% Total Cannabinoids |
|---|---|---|

| Analyte | LOQ | Results | Results | Mass |
|---|---|---|---|---|
| | mg/g | % | mg/g | mg/serving |
| CBDVa | 0.0005 | <LOQ | <LOQ | |
| CBDV | 0.0012 | <LOQ | <LOQ | |
| CBDa | 0.0008 | 0.07 | 0.7 | |
| CBGa | 0.0008 | 1.68 | 16.8 | |
| CBG | 0.0019 | 0.06 | 0.6 | |
| CBD | 0.0019 | <LOQ | <LOQ | |
| THCV | 0.0021 | <LOQ | <LOQ | |
| CBN | 0.0013 | <LOQ | <LOQ | |
| Δ9-THC | 0.0020 | 0.45 | 4.5 | |
| Δ8-THC | 0.0019 | <LOQ | <LOQ | |
| Δ10-THC | 0.0002 | <LOQ | <LOQ | |
| CBC | 0.0024 | <LOQ | <LOQ | |
| THCa | 0.0034 | 25.81 | 258.1 | |
| **Total THC** | | **23.08** | **230.82** | |
| **Total CBD** | | **0.06** | **0.64** | |
| **Total** | | **28.07** | **280.66** | **0.00** |

Analyst: 056
Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)
Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + CBD Reagent
Blanks: < LOQs for all analytes
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).
All results reflect dry weight of material, based on % moisture of the sample.
Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%
All other cannabinoid MU values are available upon request.
All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

Luke Emerson-Mason
Laboratory Director
03/07/2025

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# Certificate of Analysis

**Client Name:** Midnight Farm
**License Number:** CLTV0291

**Sample ID:** VT18752
**Sample Name:** Sour Dub 41
**Sample Lot:** 26-02
**Sample Matrix:** Flower
**Date Received:** 2/25/2025
**Date Reported:** 3/3/2025
**Date Tested:** 2/26/2025

## Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #61156

| 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 |

Callie Chapman
Lab Director
3/3/2025

| Rev. 1 | Initial Release |
|---|---|

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