ASSURED
TESTING LABORATORIES

# Certificate of Analysis



## Morning Dew Cultivars

47 DANIEL SHAYS HWY
ORANGE, MA 01364
lori@morningdewmass.com
(978) 501-7134
Lic. #MB282152

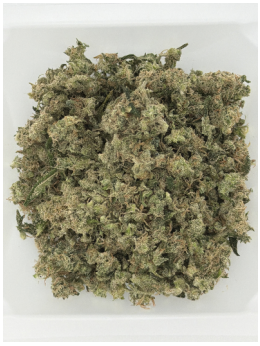
## Sample: 2605AST0197-2512

Strain: BLUE CHEESE
Harvest/Production Date: 2026-04-24; Batch Size: g;
Harvest Process Lot: BCF1H18
METRC Batch: 1A40A03000085FD000006593
Report Created: 05/28/2026

M00004084627: BLUE CHEESE

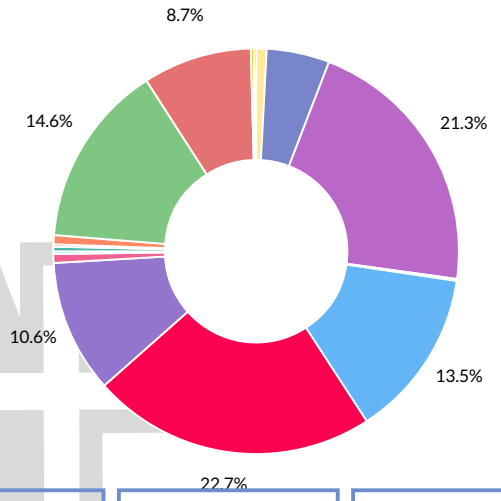
Plant, Flower - Cured, Indoor
METRC Sample: 1A40A03000085FD000006596

☐ Sanitization ☐ Remediation



## Terpenes

α-Bisabolol, α-Humulene, α-Pinene, α-Terpinene, β-Caryophyllene, β-Myrcene, β-Pinene, Camphene, Caryophyllene Oxide, Eucalyptol, γ-Terpinene, Guaiol, Limonene, Linalool, Terpinolene, trans-Ocimene




## Cannabinoids

| 14.28% | 0.09% | 16.17% | 18.35% |
|---|---|---|---|
| Total THC | Total CBD | Total Active Cannabinoids | Total Cannabinoids |

## Summary

| Complete | Pass | Pass | Pass | Pass | Complete |
|---|---|---|---|---|---|
| 2.130% | | | | | 8% |
| Terpenes | Heavy Metals | Mycotoxins | Pesticides | Microbials | Moisture |

## Primary Aromas

Hops | Pine | Orange | Cinnamon | Lavender

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Assured Testing Laboratories LLC (ATL) has performed analysis in compliance with ISO 17025-2017.
Analysis for terpenes are not a part of ISO 17025-2017 scope of accreditation.

Moisture Date Received: 05/22/2026; Date Tested: 05/27/2026; Analyst: 155905; SOP-013, Titration, Moisture is not a part of ISO 17025-2017 scope of accreditation.

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☐ Sanitization ☐ Remediation

## Cannabinoids — Complete

| 14.28% | 0.09% | 16.17% | 18.35% |
|---|---|---|---|
| Total THC | Total CBD | Total Active Cannabinoids | Total Cannabinoids |

| Analyte | Method Detection Limit | Results | Results |
|---|---|---|---|
| | % | % | mg/g |
| THCa | 0.0900 | 15.60 | 155.99 |
| Δ9-THC | 0.1100 | 0.60 | 5.97 |
| Δ8-THC | 0.1200 | ND | ND |
| THCVa | 0.1000 | 1.55 | 15.50 |
| THCV | 0.1200 | ND | ND |
| CBDa | 0.0800 | 0.11 | 1.08 |
| CBD | 0.1300 | ND | ND |
| CBDVa | 0.1000 | ND | ND |
| CBDV | 0.1200 | ND | ND |
| CBNa | 0.1000 | ND | ND |
| CBN | 0.1200 | ND | ND |
| CBGa | 0.1000 | 0.30 | 2.99 |
| CBG | 0.1300 | ND | ND |
| CBCa | 0.0900 | 0.20 | 1.99 |
| CBC | 0.1200 | ND | ND |
| CBL | 0.1300 | ND | ND |
| **Total Active Cannabinoids** | | **16.1677** | **161.6769** |
| **Total Cannabinoids** | | **18.3515** | **183.5153** |

Sample ID: 2605AST0197-2512, Date Received: 05/22/2026; Date Tested: 05/27/2026,
Analyst: 164740
Notes:
All cannabinoid values are calculated on a dry weight basis, accounting for moisture content: Adjusted cannabinoid % = (Initial cannabinoid % / ((100-Moisture%) * 100).
Total THC = d9 THC + (0.877*THCA), Total CBD = CBD + (0.877*CBDA) SOP-002, HPLC-UV.

## Pesticides — Pass

| Analyte | Method Detection Limit | Results | Status |
|---|---|---|---|
| | PPB | PPB | |
| Bifenazate | 2.000 | ND | Pass |
| Bifenthrin | 3.000 | ND | Pass |
| Cyfluthrin | 28.000 | ND | Pass |
| Etoxazole | 3.000 | ND | Pass |
| Imazalil | 3.000 | ND | Pass |
| Imidacloprid | 3.000 | ND | Pass |
| Myclobutanil | 3.000 | ND | Pass |
| Spiromesifen | 4.000 | ND | Pass |
| Trifloxystrobin | 3.000 | ND | Pass |

Sample ID: 2605AST0197-2512, Date Received: 05/22/2026;Date Tested: 05/28/2026,
Analyst: 155709
SOP-001, LC-MS

## Microbials — Pass

| Analyte | Method Detection Limit | Limit | Results | Status |
|---|---|---|---|---|
| | CFU/g | CFU/g | CFU/g | |
| Aerobic Bacteria | 1000 | 100000 | 1300 | Pass |
| Yeast & Mold | 100 | 10000 | 190 | Pass |
| Bile-Tolerant Gram-Negative Bacteria | 100 | 1000 | ND | Pass |
| Coliforms | 100 | 1000 | ND | Pass |
| E. Coli | | | ND | Pass |
| Salmonella | | | ND | Pass |

Sample ID: 2605AST0197-2512, Date Received: 05/22/2026; Date Tested: 05/26/2026,
Analyst: 155905
Quantitative Fungal Detect: SOP-007, PCR-Microplate
Quantitative Bacterial Detect: SOP-008, PCR-Microplate
Qualitative Bacterial Detect: SOP-009, PCR-Microplate

## Heavy Metals — Pass

| Analyte | Method Detection Limit | Limit | Results | Status |
|---|---|---|---|---|
| | PPB | PPB | PPB | |
| Arsenic | 11.0000 | 200.0000 | ND | Pass |
| Cadmium | 16.0000 | 200.0000 | ND | Pass |
| Lead | 25.0000 | 500.0000 | ND | Pass |
| Mercury | 8.0000 | 100.0000 | 9.3370 | Pass |

Sample ID: 2605AST0197-2512, Date Received: 05/22/2026; Date Tested: 05/27/2026,
Analyst: 161903
SOP-003, ICP-MS

## Mycotoxins — Pass

| Analyte | Method Detection Limit | Limit | Results | Status |
|---|---|---|---|---|
| | PPB | PPB | PPB | |
| Aflatoxin B1 | 4.0 | 20.0 | ND | Pass |
| Aflatoxin B2 | 4.0 | 20.0 | ND | Pass |
| Aflatoxin G1 | 4.0 | 20.0 | ND | Pass |
| Aflatoxin G2 | 5.0 | 20.0 | ND | Pass |
| Ochratoxin A | 5.0 | 20.0 | ND | Pass |
| Total Aflatoxins | | 20.0 | ND | Pass |

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SOP-001, LC-MS

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Notes:

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## Terpenes

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| Analyte | Method Detection Limit | Results | Results |
|---|---|---|---|
| | PPM | % | PPM |
| β-Myrcene | 2.500 | 0.483 | 4825.410 |
| α-Pinene | 2.500 | 0.454 | 4544.020 |
| Limonene | 2.500 | 0.312 | 3117.761 |
| β-Caryophyllene | 2.500 | 0.287 | 2869.950 |
| β-Pinene | 2.500 | 0.226 | 2258.553 |
| Linalool | 2.500 | 0.185 | 1846.672 |
| α-Humulene | 2.500 | 0.107 | 1068.136 |
| α-Bisabolol | 2.500 | 0.018 | 178.374 |
| Guaiol | 2.500 | 0.016 | 155.327 |
| Camphene | 2.500 | 0.015 | 150.759 |
| Eucalyptol | 2.500 | 0.008 | 79.209 |
| Terpinolene | 2.500 | 0.005 | 52.978 |
| Caryophyllene Oxide | 2.500 | 0.004 | 43.663 |
| γ-Terpinene | 2.500 | 0.004 | 38.935 |
| trans-Ocimene | 2.500 | 0.004 | 36.404 |
| α-Terpinene | 2.500 | 0.003 | 33.900 |
| 3-Carene | 2.500 | ND | ND |
| cis-Nerolidol | 2.500 | ND | ND |
| cis-Ocimene | 2.500 | ND | ND |
| Geraniol | 2.500 | ND | ND |
| Isopulegol | 2.500 | ND | ND |
| p-Cymene | 2.500 | ND | ND |
| trans-Nerolidol | 2.500 | ND | ND |
| **Total** | | **2.130** | **21300.051** |

## Primary Aromas

- Hops
- Pine
- Orange
- Cinnamon
- Lavender

Notice of Conformity and Decision Rule: All decisions of "Pass" or "Fail" are determined based upon the limits set forth by the MA Cannabis Control Commission and its regulations. This includes, but is not limited to those denied in 935 CMR 501.000, 935 CMR 500.000, & Protocol for the Sampling and Analysis of Finished Marijuana Products and Marijuana Products for Marijuana Establishments, Medical Marijuana Treatment Centers, and Colocated Marijuana Operations. Assured Testing Laboratories does not apply the reported calculation measurement uncertainty to manufacturer or other sources of tolerance/specifications to determine a test result's pass or fail status. It is the responsibility of the end user to consider the measurement uncertainty when determining the instrument suitability.
SOP-005, GC-MS

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