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: 2512AST1005-15080

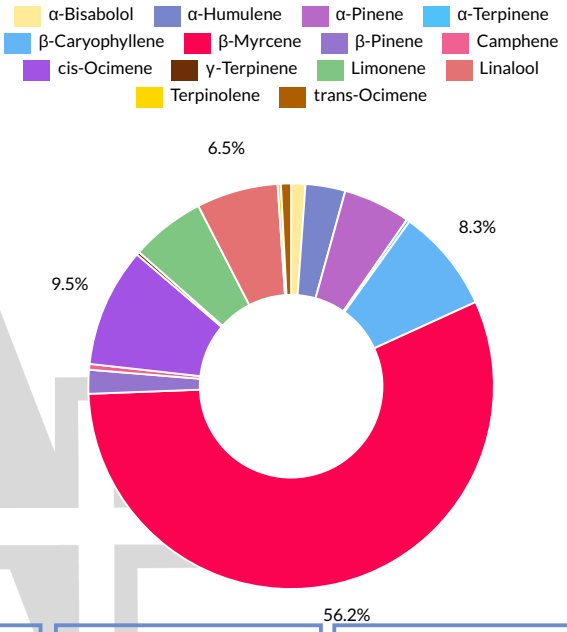
Strain: GMO Cookies
Harvest/Production Date: 2025-11-14; Batch Size: g;
Harvest Process Lot: GMOCF1H16
METRC Batch: 1A40A03000085FD000005994
Report Created: 12/12/2025

M00004279550: GMO Cookies Flower

Plant, Flower - Cured, Indoor
METRC Sample: 1A40A03000085FD000005998

☐ Sanitization ☐ Remediation

Terpenes



Cannabinoids

15.98%	ND	21.03%
Total THC	Total CBD	Total Cannabinoids

Summary

Complete	Pass	Pass	Pass	Pass
1.419%				
Terpenes	Heavy Metals	Mycotoxins	Pesticides	Microbials

Primary Aromas

Hops	Earthy	Cinnamon	Lavender	Orange

300 Potash Hill Road
Tyngsborough, MA
(339) 233-4726
https://www.assuredtestinglab.com/home
Lic# IL281360

Edward Boumil
Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
Suzanne Rohm
Laboratory Technician III

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

confident

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.

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

Sample: 2512AST1005-15080
Strain: GMO Cookies
Harvest/Production Date: 2025-11-14; Batch Size: g;
Harvest Process Lot: GMOCF1H16
METRC Batch: 1A40A03000085FD000005994
Report Created: 12/12/2025

M00004279550: GMO Cookies Flower

Plant, Flower - Cured, Indoor
METRC Sample: 1A40A03000085FD000005998

☐ Sanitization ☐ Remediation

Cannabinoids — Complete

15.98%	ND	21.03%
Total THC	Total CBD	Total Cannabinoids

Analyte	Method Detection Limit	Results	Results
	%	%	mg/g
THCa	0.0900	17.42	174.16
Δ9-THC	0.1100	0.71	7.09
Δ8-THC	0.1200	ND	ND
THCVa	0.1000	1.36	13.61
THCV	0.1200	ND	ND
CBDa	0.0800	ND	ND
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	1.21	12.07
CBG	0.1300	0.16	1.63
CBCa	0.0900	0.17	1.71
CBC	0.1200	ND	ND
CBL	0.1300	ND	ND
Total		**21.0272**	**210.2721**

Sample ID: 2512AST1005-15080, Date Received: 12/09/2025; Date Tested: 12/11/2025, Analyst: 155709
Notes:
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: 2512AST1005-15080, Date Received: 12/09/2025;Date Tested: 12/11/2025, Analyst: 152792
SOP-001, LC-MS

Microbials — Pass

Analyte	Method Detection Limit	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	ND	Pass
Yeast & Mold	100	10000	5400	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	ND	Pass
Coliforms	100	1000	ND	Pass
E. Coli			ND	Pass
Salmonella			ND	Pass

Sample ID: 2512AST1005-15080, Date Received: 12/09/2025; Date Tested: 12/10/2025, Analyst: 152792
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	54.0000	200.0000	ND	Pass
Cadmium	41.0000	200.0000	ND	Pass
Lead	74.0000	500.0000	ND	Pass
Mercury	3.0000	100.0000	ND	Pass

Sample ID: 2512AST1005-15080, Date Received: 12/09/2025; Date Tested: 12/10/2025, 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

Sample ID: 2512AST1005-15080, Date Received: 12/09/2025; Date Tested: 12/11/2025,Analyst: 152792
SOP-001, LC-MS

300 Potash Hill Road
Tyngsborough, MA
(339) 233-4726
https://www.assuredtestinglab.com/home
Lic# IL281360

Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
Laboratory Technician III

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

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.

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

Sample: 2512AST1005-15080
Strain: GMO Cookies
Harvest/Production Date: 2025-11-14; Batch Size: g;
Harvest Process Lot: GMOCF1H16
METRC Batch: 1A40A03000085FD000005994
Report Created: 12/12/2025

M00004279550: GMO Cookies Flower

Plant, Flower - Cured, Indoor
METRC Sample: 1A40A03000085FD000005998

☐ Sanitization ☐ Remediation

Terpenes

Sample ID: 2512AST1005-15080, Date Received: 12/09/2025; Date Tested: 12/12/2025, Analyst: 152792

Analyte	Method Detection Limit	Results	Results
	PPM	%	PPM
β-Myrcene	2.500	0.797	7974.294
cis-Ocimene	2.500	0.135	1346.550
β-Caryophyllene	2.500	0.117	1173.030
Linalool	2.500	0.092	922.023
Limonene	2.500	0.084	841.090
α-Pinene	2.500	0.076	760.430
α-Humulene	2.500	0.045	450.607
β-Pinene	2.500	0.027	269.728
α-Bisabolol	2.500	0.016	160.797
trans-Ocimene	2.500	0.011	113.761
Camphene	2.500	0.006	64.727
Terpinolene	2.500	0.004	37.427
γ-Terpinene	2.500	0.004	36.059
α-Terpinene	2.500	0.003	34.904
3-Carene	2.500	ND	ND
Caryophyllene Oxide	2.500	ND	ND
cis-Nerolidol	2.500	ND	ND
Eucalyptol	2.500	ND	ND
Geraniol	2.500	ND	ND
Guaiol	2.500	ND	ND
Isopulegol	2.500	ND	ND
p-Cymene	2.500	ND	ND
trans-Nerolidol	2.500	ND	ND
Total		**1.419**	**14185.427**

Primary Aromas

- Hops
- Earthy
- Cinnamon
- Lavender
- Orange

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

300 Potash Hill Road
Tyngsborough, MA
(339) 233-4726
https://www.assuredtestinglab.com/home
Lic# IL281360

Edward Boumil
Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
Suzanne Rohm
Laboratory Technician III

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

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.