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GAMA Report ID: MAY4-13035
 Report Submitted: 4/27/2026

Client Info

Mayflower Medicinals, Inc.
 1100 Innovation Way, FKA Lot 183 Fall River, MA 02722
 License: MP281858
 Metrc Manifest: 3252207
 Date Received: 4/21/2026

Sample Identification

METRC Batch ID: BL-PRPK041526
 METRC Sample ID: 1A40A030000E809000013035
 METRC Source ID: 1A40A030000E809000013034
 ME Batch ID: N/A
 QBench Order ID: MAY415401

Sample Properties

Sample Weight (g): 8

Product Characterization

Production Stage: Inhalable Concentrate
 Product Class: Bulk Oil
 Extraction Solvent: Butane
 Retail Name: BL-Purple Kush Vape Oil Bulk

Results for Requested Analyses

Y = Tested "-" = Not Tested P = Pass F = Fail

Cannabinoid
Profile

Y

Terpene
Profile

Y

Heavy
Metals

P

Residual
Solvents

P

Pesticides

-

Total Yeast and
Mold

P

Mycotoxins

P

Pathogenic
Bacteria

P

Total
Coliforms

P

Total Aerobic
Bacteria

P

Enterobacteriaceae

P

Vitamin E
Acetate

P

Authorization

Green Analytics Massachusetts is an Independent Testing Laboratory accredited to ISO/IEC 17025:2017 and licensed by the Massachusetts Cannabis Control Commission (CCC, # IL281277). Analytical methods and best-practices used are in compliance with the CCC's Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for MA Registered Medical Marijuana Dispensaries. The net/gross weight of the sample received was verified and all analyses were conducted at the GAMA laboratory. Quality control checks were prepared at known concentrations and run alongside batched client samples. Results presented here pertain to the sample received and relate only to items tested per sub-sampling SOP-071-MA. This Analytical Report shall not be reproduced except in full without GAMA approval. Where statements of conformity are reported ('pass' vs. 'fail'), the simple acceptance decision rule is applied, however the measurement uncertainty associated with the test method applied (not displayed in this simplified report) may impact the certainty with which a statement of conformity is made. This simplified report may not display all test methods' limits of detection (LODs), however this data is also available upon request.



James Roush
 Laboratory Director

Cannabinoid Profile

Test ID: #1349141

Analyst Badge: 169273

Metrc ID Tag: 1A40A030000E809000013035

Analysis Date: 04/27/2026

Cannabinoids were analyzed using a High Performance Liquid Chromatograph equipped with a Photodiode Array Detector (HPLC-PDA) following GAMA SOP-002-MA; SOP-025-MA; SOP-073-MA.

Cannabinoid	LOQ (%)	Result (%)	Result (mg/g)
Tetrahydrocannabinolic acid (THCA)	0.200	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.200	81.996	819.96
Cannabidiolic acid (CBDA)	0.200	ND	ND
Cannabidiol (CBD)	0.200	ND	ND
Cannabinol (CBN)	0.200	0.443	4.43
Cannabichromenic acid (CBCA)	0.200	ND	ND
Cannabichromene (CBC)	0.200	BLQ	BLQ
Cannabigerolic acid (CBGA)	0.200	ND	ND
Cannabigerol (CBG)	0.200	4.147	41.47
Cannabidivarinic acid (CBDVA)	0.200	ND	ND
Cannabidivarin (CBDV)	0.200	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	0.200	ND	ND
Tetrahydrocannabivarin (THCV)	0.200	0.416	4.16
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.200	ND	ND
Total Cannabinoids		87.002	870.02

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Heavy Metals Analysis

Test ID: #1346379

Analyst Badge: 164555

Metrc ID Tag: 1A40A030000E809000013035

Analysis Date: 04/24/2026

Heavy Metals were analyzed using an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) following GAMA SOP-021-MA; SOP-061-MA; SOP-072-MA. - **Limit units: ppb**

Analyte	LOQ (ppb)	Result (ppb)	Limit	Pass/Fail
Total Arsenic	124.8	ND	200	PASS
Cadmium	123.7	ND	200	PASS
Total Mercury	82.6	BLQ	100	PASS
Lead	165.1	BLQ	500	PASS

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Plating Microbial Contaminants Analysis

Test IDs: 1346384, 1346385, 1346386, 1346387

Metrc ID Tag: 1A40A030000E809000013035

Analyzed By Badge: 164746, 164746, 164746, 164746

Microbial contaminants were quantified using a 3M Petrifilm method and reported as colony forming units per gram (CFU/g). Samples were extracted and analyzed following GAMA SOP-700-MA. - **Limit units: CFU/g**

Analyte	Result	Analysis Date	Limit	Finding
Total Yeast and Mold (TYM)	ND	04/24/2026	1000	PASS
Total Viable Aerobic Bacteria (TAC)	ND	04/24/2026	10000	PASS
Total Coliforms (TC)	ND	04/24/2026	100	PASS
Enterobacteriaceae (EB)	ND	04/24/2026	100	PASS

Note "NT": Not Tested; "ND": Not Detected.

Pathogenic Bacteria Results

Metrc Id Tag: 1A40A030000E809000013035

Test IDs: 1346382, 1346383

Analyzed By Badge: 164746, 164746

The presence or absence of STEC E. coli and Salmonella spp. was determined using a PCR technique. Samples were incubated for a minimum of 18 hours prior to plating and analyzed following GAMA SOP-700-MA. - **Limit units: CFU/g**

Analyte	Result	Analysis Date	Limit	Finding
STEC E. Coli	Not Detected in 1g	04/24/2026	Detection in 1.0 g	PASS
Salmonella spp.	Not Detected in 1g	04/24/2026	Detection in 1.0 g	PASS

Note "NT": Not Tested; "ND": Not Detected.

Mycotoxins Results

Metrc ID Tag: 1A40A030000E809000013035

Test ID: #1346380

Analyst Badge: 140401

Analysis Date: 04/24/2026

Mycotoxins were analyzed using a High Performance Liquid Chromatograph equipped with a tandem Mass Spectrometer (LC/MS/MS) following GAMA SOP-002-MA; SOP-062-MA; SOP-070-MA. - **Limit units: µg/kg**

Analyte	LOQ (ppb)	Result (ppb)	Limit (ppb)	Finding
Aflatoxin B1	20.0	ND	20	PASS
Aflatoxin B2	20.0	ND	20	PASS
Aflatoxin G1	20.0	ND	20	PASS
Aflatoxin G2	20.0	ND	20	PASS
Ochratoxin A	20.0	ND	20	PASS

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Residual Solvent Results

Metrc ID Tag: 1A40A030000E809000013035

Test ID: #1346378

Analyst Badge: 140401

Analysis Date: 04/24/2026

Residual Solvents were analyzed using a Headspace Autosampler coupled to a Gas Chromatograph equipped with a tandem Mass Spectrometer (HS-GC/MS/MS) following GAMA SOP-011-MA; SOP-067-MA; SOP-010-MA. - **Limit units: ppm**

Analyte	LOQ (ppm)	Result (ppm)	Limit	Pass/Fail
n-Butane	6.14	ND	12	PASS

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Vitamin E Acetate Results

Metrc ID Tag: 1A40A030000E809000013035

Test ID: #1346381

Analyst Badge: 159721

Analysis Date: 04/24/2026

Vitamin E Acetate was analyzed using a High Performance Liquid Chromatograph equipped with a tandem Mass Spectrometer (LC/MS/MS) following GAMA SOP-002-MA; SOP-025-MA; SOP-073-MA. - **Limit units: ppb**

Analyte	Result (ppb)	Pass/Fail
Vitamin E Acetate	ND	PASS

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Terpenes Profile

Test ID: #1346376

Analyst Badge: 169273

Metrc ID Tag: 1A40A030000E809000013035

Analysis Date: 04/23/2026

Terpenes were analyzed using a Liquid Injection Autosampler coupled to a Gas Chromatograph equipped with a tandem Mass Spectrometer (GC/MS/MS) following GAMA SOP-002-MA; SOP-063-MA; SOP-069-MA.

Analyte	LOQ (%)	Result (%)	Result (mg/g)
α-Pinene	0.01	0.784	7.84
Camphene	0.01	0.074	0.74
Sabinene	0.01	BLQ	BLQ
β-Pinene	0.01	0.409	4.09
β-Myrcene	0.01	1.977	19.77
Phellandrene	0.01	0.105	1.05
Carene	0.01	BLQ	BLQ
α-Terpinene	0.01	ND	ND
D-Limonene	0.01	1.232	12.32
Eucalyptol	0.01	ND	ND
Ocimene	0.01	0.032	0.32
γ-Terpinene	0.01	BLQ	BLQ
Sabinene Hydrate	0.01	ND	ND
Terpinolene	0.01	0.019	0.19
Fenchone	0.01	BLQ	BLQ
Linalool	0.01	0.207	2.07
Fenchol	0.01	0.051	0.51
Camphor	0.01	ND	ND
Isoborneol	0.01	ND	ND
Borneol	0.02	ND	ND
Menthhol	0.01	BLQ	BLQ
Terpineol	0.01	0.051	0.51
Nerol	0.01	BLQ	BLQ
Pulegone	0.01	ND	ND
Geraniol	0.01	0.012	0.12
Geranyl Acetate	0.01	ND	ND
α-Cedrene	0.01	BLQ	BLQ
Caryophyllene	0.01	0.661	6.61
α-Humulene	0.01	0.103	1.03
Valencene	0.01	0.029	0.29
cis-Nerolidol	0.01	ND	ND
trans-Nerolidol	0.01	ND	ND
Caryophyllene Oxide	0.01	0.013	0.13
Guaiol	0.01	0.016	0.16
Cedrol	0.01	ND	ND
α-Bisabolol	0.01	0.065	0.65
Total Terpenes		5.840	58.4

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.