green analytics
massachusetts, llc

40 Speen St., Suite #301
Framingham, MA 01701
508-465-3470
lab-ma@greenanalyticslabs.com

# Analytical Report

GAMA Report ID: VGCC-40266
Report Submitted: 9/29/2026

| Client Info | |
|---|---|
| VanGarden Cannabis, LLC | |
| 88 Huntoon Memorial Highway Leicester, MA 01542 | |
| License: | MC281487 |
| Metrc Manifest: | 3431316 |
| Date Received: | 9/24/2026 |

| Sample Identification | |
|---|---|
| METRC Batch ID: | MDB.INDICA.091726 |
| METRC Sample ID: | 1A40A030000846D000040266 |
| METRC Source ID: | 1A40A030000846D000038139 |
| ME Batch ID: | MDB.INDICA.091726 |
| QBench Order ID: | VGCC16733 |

| Sample Properties | |
|---|---|
| Sample Weight (g): | 8.9 |
| Sanitization Method: | Rad Source |

| Product Characterization | |
|---|---|
| Production Stage: | Raw Plant Material |
| Product Class: | Trim/Shake |
| Retail Name: | M00004665901: Bulk Shake/Trim - Indica - Midori Blues |

**Results for Requested Analyses** — Y = Tested "-" = Not Tested P = Pass F = Fail

| | | | | | |
|---|---|---|---|---|---|
| Cannabinoid Profile: Y | Terpene Profile: Y | Heavy Metals: P | Residual Solvents: - | Pesticides: P | Total Yeast and Mold: P |
| Mycotoxins: P | Pathogenic Bacteria: P | Total Coliforms: P | Total Aerobic Bacteria: P | Entero-bacteriaceae: P | Vitamin E Acetate: - |

## 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. All statements of conformity are made in reference to the CCC's regulatory action limit requirements for compliance testing. This simplified report may not display all test methods' limits of detection (LODs), however this data is also available upon request. Reported mg/serving values are calculated using serving size information provided by the customer and analytical results generated by Green Analytics.

James Roush
Laboratory Director

**Cannabinoid Profile** — **Metrc ID Tag: 1A40A030000846D000040266**
**Test ID: #1452031** — **Analyst Badge: 169273** — **Analysis Date: 09/28/2026**

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) | 0.040 | 23.685 | 236.85 |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 0.040 | 0.894 | 8.94 |
| Cannabidiolic acid (CBDA) | 0.040 | ND | ND |
| Cannabidiol (CBD) | 0.040 | ND | ND |
| Cannabinol (CBN) | 0.040 | ND | ND |
| Cannabichromenic acid (CBCA) | 0.040 | 0.257 | 2.57 |
| Cannabichromene (CBC) | 0.040 | ND | ND |
| Cannabigerolic acid (CBGA) | 0.040 | 0.269 | 2.69 |
| Cannabigerol (CBG) | 0.040 | 0.327 | 3.27 |
| Cannabidivarinic acid (CBDVA) | 0.040 | ND | ND |
| Cannabidivarin (CBDV) | 0.040 | ND | ND |
| Tetrahydrocannabivarinic acid (THCVA) | 0.040 | 0.086 | 0.86 |
| Tetrahydrocannabivarin (THCV) | 0.040 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THC) | 0.040 | ND | ND |
| **Total Cannabinoids** | | **25.518** | **255.18** |

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

**Heavy Metals Analysis** — **Metrc ID Tag: 1A40A030000846D000040266**
**Test ID: #1450008** — **Analyst Badge: 164555** — **Analysis Date: 09/28/2026**

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 | 132.9 | ND | 200 | PASS |
| Cadmium | 131.7 | ND | 200 | PASS |
| Total Mercury | 88.0 | BLQ | 100 | PASS |
| Lead | 175.8 | ND | 500 | PASS |

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

**Plating Microbial Contaminants Analysis** — **Metrc Id Tag: 1A40A030000846D000040266**
**Test IDs:1450012, 1450013, 1450014, 1450015** — **Analyzed By Badge:143695, 143695, 143695, 143695**

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) | 767 | 09/28/2026 | 10000 | PASS |
| Total Viable Aerobic Bacteria (TAC) | ND | 09/28/2026 | 100000 | PASS |
| Total Coliforms (TC) | ND | 09/28/2026 | 1000 | PASS |
| Enterobacteriaceae (EB) | ND | 09/28/2026 | 1000 | PASS |

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

**PCR Pathogenic Bacteria Results** — **Metrc Id Tag: 1A40A030000846D000040266**
**Test IDs:1450010, 1450011** — **Analyzed By Badge:143695, 143695**

The presence or absence of Shiga toxin-producing E. coli (STEC) and Salmonella spp. was determined using a qualitative PCR method. Samples were prepared and analyzed in accordance with GAMA SOP-717-MA and SOP-718-MA. Results are reported qualitatively as Detected or Not Detected.

| Analyte | Result | Analysis Date | Limit | Finding |
|---|---|---|---|---|
| STEC E. Coli | Not Detected in 1g | 09/27/2026 | Detection in 1.0 g | PASS |
| Salmonella spp. | Not Detected in 1g | 09/27/2026 | Detection in 1.0 g | PASS |

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

**Mycotoxins Results** — **Metrc ID Tag: 1A40A030000846D000040266**
**Test ID: #1450009** — **Analyst Badge: 160003** — **Analysis Date: 09/28/2026**

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 | 10.0 | ND | 20 | PASS |
| Aflatoxin B2 | 10.0 | ND | 20 | PASS |
| Aflatoxin G1 | 10.0 | ND | 20 | PASS |
| Aflatoxin G2 | 10.0 | ND | 20 | PASS |
| Ochratoxin A | 10.0 | ND | 20 | PASS |

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

**Pesticides Results** — **Metrc ID Tag: 1A40A030000846D000040266**
**Test ID: #1450007** — **Analyst Badge: 160003** — **Analysis Date: 09/28/2026**

Pesticides 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: ppb**

| Analyte | LOQ (ppb) | Result (ppb) | Limit (ppb) | Finding |
|---|---|---|---|---|
| Bifenazate | 10.0 | ND | 10 | PASS |
| Bifenthrin | 10.0 | ND | 10 | PASS |
| Cyfluthrin | 10.0 | ND | 10 | PASS |
| Etoxazole | 10.0 | ND | 10 | PASS |
| Imazalil | 10.0 | ND | 10 | PASS |
| Imidacloprid | 10.0 | ND | 10 | PASS |
| Myclobutanil | 10.0 | ND | 10 | PASS |
| Spiromesifen | 10.0 | ND | 10 | PASS |
| Trifloxystrobin | 10.0 | ND | 10 | PASS |

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

**Terpenes Profile** | **Metrc ID Tag: 1A40A030000846D000040266**
**Test ID: #1452088** | **Analyst Badge: 140401** | **Analysis Date: 09/28/2026**

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 | 0.044 | 0.44 |
| β-Pinene | 0.01 | 0.072 | 0.72 |
| β-Myrcene | 0.01 | 0.240 | 2.4 |
| Limonene | 0.01 | 0.396 | 3.96 |
| Terpinolene | 0.01 | ND | ND |
| Linalool | 0.01 | 0.298 | 2.98 |
| Caryophyllene | 0.01 | 0.213 | 2.13 |
| α-Humulene | 0.01 | 0.066 | 0.66 |
| Caryophyllene Oxide | 0.01 | ND | ND |
| α-Bisabolol | 0.01 | ND | ND |
| **Total Terpenes** | | **1.329** | **13.29** |

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