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GAMA Report ID: ARLC-99395
Report Submitted: 1/13/2025

Client Info

ARL Healthcare
177 John Vertente Boulevard New Bedford, MA 02745
License: RMD1085-C
Metrc Manifest: 2685293
Date Received: 1/9/2025

Sample Identification

METRC Batch ID: See Overflow Field Below
METRC Sample ID: 1A40A0100001AF5000099395
METRC Source ID: 1A40A0100001AF5000099365
ME Batch ID: N/A
QBench Order ID: ARLC10370

Sample Identification Overflow

METRC Batch ID: Dosi Woah H12.13.24 F15 B3 T5

Sample Properties

Sample Weight (g): 10

Product Characterization

Production Stage: Raw Plant Material
Product Class: Buds
Retail Name: Dosi Woah Bulk Flower

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

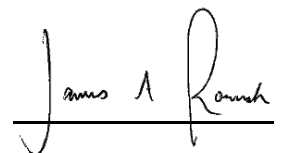
P

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. 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

Metric ID Tag: 1A40A0100001AF5000099395

Test ID: #951753

Analysis Date: 01/10/2025

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 | 25.768 | 257.68 |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 0.040 | 0.227 | 2.27 |
| Cannabidiolic acid (CBDA) | 0.040 | ND | ND |
| Cannabidiol (CBD) | 0.040 | ND | ND |
| Cannabinol (CBN) | 0.040 | ND | ND |
| Cannabichromene (CBC) | 0.040 | ND | ND |
| Cannabigerolic acid (CBGA) | 0.040 | 0.339 | 3.39 |
| Cannabigerol (CBG) | 0.040 | 0.245 | 2.45 |
| Cannabidivarin (CBDV) | 0.040 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 0.040 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THC) | 0.040 | ND | ND |
| Total THC | | 22.826 | 228.26 |
| Total CBD | | ND | ND |
| Total Cannabinoids | | 26.579 | 265.79 |

Total THC: Δ9-THC + (THCA * 0.877)

Total CBD: CBD + (CBDA * 0.877)

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

Heavy Metals Analysis

Metric ID Tag: 1A40A0100001AF5000099395

Test ID: #951755

Analysis Date: 01/11/2025

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 | BLQ | 500 | PASS |

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

PCR Microbial Contaminants Analysis

Metric ID Tag: 1A40A0100001AF5000099395

Test IDs: 951758, 951761, 951762, 951763

Microbial Contaminants were measured using a quantitative PCR (qPCR) technique from which the resulting Cq values were converted to colony forming units per gram (CFU/g) following GAMA SOP-701-MA; SOP-702-MA; SOP-703-MA; SOP-704-MA. - **Limit units: CFU/g**

| Analyte | Result | Analysis Date | Limit | Finding |
|-------------------------------------|--------|---------------|--------|---------|
| Total Yeast and Mold (TYM) | 514 | 01/11/2025 | 10000 | PASS |
| Total Viable Aerobic Bacteria (TAC) | 236 | 01/11/2025 | 100000 | PASS |
| Total Coliforms (TC) | ND | 01/12/2025 | 1000 | PASS |
| Enterobacteriaceae (EB) | ND | 01/11/2025 | 1000 | PASS |

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

Pathogenic Bacteria Results

Metrc Id Tag: 1A40A0100001AF5000099395

Test IDs: 951759, 951760

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 | 01/12/2025 | Detection in 1.0 g | PASS |
| Salmonella spp. | Not Detected in 1g | 01/12/2025 | Detection in 1.0 g | PASS |

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

Mycotoxins Results

Metrc ID Tag: 1A40A0100001AF5000099395

Test ID: #951757

Analysis Date: 01/12/2025

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: 1A40A0100001AF5000099395

Test ID: #951756

Analysis Date: 01/12/2025

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 | 5.0 | ND | 10 | PASS |
| Bifenthrin | 5.0 | ND | 10 | PASS |
| Cyfluthrin | 5.0 | ND | 10 | PASS |
| Etoxazole | 5.0 | ND | 10 | PASS |
| Imazalil | 5.0 | ND | 10 | PASS |
| Imidacloprid | 5.0 | ND | 10 | PASS |
| Myclobutanil | 5.0 | ND | 10 | PASS |
| Spiromesifen | 5.0 | ND | 10 | PASS |
| Trifloxystrobin | 5.0 | ND | 10 | PASS |

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

Terpenes Profile

Metrc ID Tag: 1A40A0100001AF5000099395

Test ID: #951754

Analysis Date: 01/12/2025

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 | 0.018 | 0.18 |
| β-Pinene | 0.01 | 0.031 | 0.31 |
| β-Myrcene | 0.01 | 1.356 | 13.56 |
| Limonene | 0.01 | 0.216 | 2.16 |
| Terpinolene | 0.01 | BLQ | BLQ |
| Linalool | 0.01 | 0.095 | 0.95 |
| Caryophyllene | 0.01 | 0.498 | 4.98 |
| α-Humulene | 0.01 | 0.180 | 1.8 |
| Caryophyllene Oxide | 0.01 | 0.018 | 0.18 |
| α-Bisabolol | 0.01 | 0.090 | 0.9 |
| Total Terpenes | | 2.502 | 25.02 |

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