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GAMA Report ID: ARLP-77526  
Report Submitted: 11/16/2024

**Client Info**

ARL Healthcare  
177 John Vertente Blvd., New Bedford, MA, 02745  
License: RMD1085-P  
Metrc Manifest: 2578485  
Date Received: 11/12/2024

**Sample Identification**

METRC Batch ID: 11112024NHRSOCAPS5MG177527  
METRC Sample ID: 1A40A0100001AF6000177526  
METRC Source ID: 1A40A0100001AF6000177527  
ME Batch ID: N/A  
QBench Order ID: ARLP9715

**Sample Properties**

Sample Weight (g): 30  
Serving Size (g): 0.5

**Product Characterization**

Production Stage: Infused Edible  
Product Class: Capsules  
Retail Name: RSO Capsules

**Results for Requested Analyses**

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

Cannabinoid  
Profile

Y

Terpene  
Profile

-

Heavy  
Metals

-

Residual  
Solvents

-

Pesticides

-

Total Yeast and  
Mold

P

Mycotoxins

P

Pathogenic  
Bacteria

P

Total  
Coliforms

P

Total Aerobic  
Bacteria

P

Entero-  
bacteriaceae

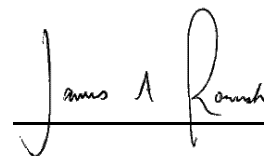
P

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-GA. 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: 1A40A0100001AF6000177526

Test ID: #890504

Analysis Date: 11/13/2024

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

Cannabinoid	LOQ (%)	Result (%)	Result (mg/g)	mg/serving
Tetrahydrocannabinolic acid (THCA)	0.005	ND	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.005	1.058	10.58	5.290
Cannabidiolic acid (CBDA)	0.005	ND	ND	ND
Cannabidiol (CBD)	0.005	ND	ND	ND
Cannabinol (CBN)	0.005	0.094	0.94	0.470
Cannabichromene (CBC)	0.005	0.024	0.24	0.120
Cannabigerolic acid (CBGA)	0.005	ND	ND	ND
Cannabigerol (CBG)	0.005	0.065	0.65	0.325
Cannabidivarin (CBDV)	0.005	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.005	ND	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.005	ND	ND	ND
<b>Total THC</b>		<b>1.058</b>	<b>10.58</b>	<b>5.290</b>
<b>Total CBD</b>		<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Cannabinoids</b>		<b>1.241</b>	<b>12.41</b>	<b>6.205</b>

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.

## Microbial Contaminants Analysis

Metric ID Tag: 1A40A0100001AF6000177526

Test IDs: 890509, 890508, 890507, 890506

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 (CFU/g)	Analysis Date	Limit (CFU/g)	Finding
Total Yeast and Mold (TYM)	ND	11/15/2024	10000	PASS
Total Viable Aerobic Bacteria (TAC)	ND	11/15/2024	100000	PASS
Total Coliforms (TC)	ND	11/15/2024	1000	PASS
Enterobacteriaceae (EB)	ND	11/15/2024	1000	PASS

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

## Pathogenic Bacteria Results

Metric ID Tag: 1A40A0100001AF6000177526

Test IDs: 890510, 890511

The presence or absence of STEC E. coli and Salmonella spp in the sample was determined using a PCR technique. Samples were incubated for a minimum of 18 hours prior to DNA extraction following GAMA SOP-701-GA; SOP-702-GA; SOP-703-GA; SOP-704-GA. - **Limit units: CFU/g**

Analyte	Result	Analysis Date	Limit	Finding
STEC E. Coli	Not Detected in 1g	11/14/2024	Detection in 1.0 g	PASS
Salmonella spp.	Not Detected in 1g	11/14/2024	Detection in 1.0 g	PASS

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

## Mycotoxins Results

Metric ID Tag: 1A40A0100001AF6000177526

Test ID: #890505

Analysis Date: 11/16/2024

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

Analyte	LOQ (ppb)	Result (ppb)	Limit (ppb)	Finding
Aflatoxin B1	6.0	ND	20	PASS
Aflatoxin B2	6.0	ND	20	PASS
Aflatoxin G1	6.0	ND	20	PASS
Aflatoxin G2	6.0	ND	20	PASS
Ochratoxin A	6.0	ND	20	PASS

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