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Client Info
Good Chemistry of Massachusetts, Inc., Worcester 390 Hopping Brook Rd., Holliston, MA, 01746 License: RMD3061-C Metrc Manifest: 2185336 Date Received: 4/15/2024

Sample Identification
METRC Batch ID: See Overflow Field Below METRC Sample ID: 1A40A0100006BD4000026844 METRC Source ID: See Overflow Field Below ME Batch ID: N/A QBench Order ID: GCWC6741

Sample Identification Overflow
METRC Batch ID: PAL 28.4124.38, PAL 28.4124.39 METRC Source ID: 1A40A0100006BD4000026135, 1A40A0100006BD4000026138

Sample Properties
Sample Weight (g): 7.1

Product Characterization
Production Stage: Raw Plant Material Product Class: Buds Retail Name: Buds - Palisade Poison

Results for Requested Analyses	Y = Tested "-" = Not Tested P = Pass F = Fail
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Cannabinoid Profile	Y	Terpene Profile	-	Heavy Metals	P	Residual Solvents	-	Pesticides	P	Total Yeast and Mold	P
Mycotoxins	P	Pathogenic Bacteria	P	Total Coliforms	P	Total Aerobic Bacteria	P	Enterobacteriaceae	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. 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.



Kimberly Ross, PhD
 Kimberly Ross, PhD
 Laboratory Director

Cannabinoid Profile Test ID: #613641	Metrc Id Tag: 1A40A0100006BD4000026844 Analysis Date: 04/16/2024
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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 (%)	%	mg/g
Tetrahydrocannabinolic acid (THCA)	0.097	28.119	281.19
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.121	0.175	1.75
Cannabidiolic acid (CBDA)	0.126	ND	ND
Cannabidiol (CBD)	0.120	ND	ND
Cannabinol (CBN)	0.110	ND	ND
Cannabichromene (CBC)	0.110	ND	ND
Cannabigerolic acid (CBGA)	0.114	0.443	4.43
Cannabigerol (CBG)	0.109	0.239	2.39
Cannabidivarin (CBDV)	0.110	ND	ND
Tetrahydrocannabivarin (THCV)	0.110	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.110	ND	ND
Total Cannabinoids		28.976	289.76

Note "NT": Not Tested; "ND": Not Detected; "BLQ": Below limit of Quantification.

Heavy Metals Analysis Test ID: #613642	Metrc Id Tag: 1A40A0100006BD4000026844 Analysis Date: 04/18/2024
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Heavy Metals were analyzed using an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) following GAMA SOP-021-GA; SOP-061-GA; SOP-072-GA. - **Limit units: ppb**

Analyte	LOQ (ppb)	Result (ppb)	Limit	Pass/Fail
Total Arsenic	151.4	ND	200	PASS
Cadmium	151.4	ND	200	PASS
Total Mercury	75.7	BLQ	100	PASS
Lead	151.4	ND	500	PASS

Note "NT": Not Tested; "ND": Not Detected; "BLQ": Below limit of Quantification.

Microbial Contaminants Analysis Test IDs:613650, 613649, 613648, 613645	Metrc Id Tag: 1A40A0100006BD4000026844
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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-GA; SOP-702-GA; SOP-703-GA; SOP-704-GA. - **Limit units: CFU/g**

Analyte	Result (CFU/g)	Analysis Date	Limit (CFU/g)	Finding
Total Yeast and Mold (TYM)	ND	04/17/2024	10000	PASS
Total Viable Aerobic Bacteria (TAC)	657	04/17/2024	100000	PASS
Total Coliforms (TC)	173	04/17/2024	1000	PASS
Enterobacteriaceae (EB)	67	04/17/2024	1000	PASS

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

Pathogenic Bacteria Results Test IDs:613646, 613647	Metrc Id Tag: 1A40A0100006BD4000026844
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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	04/17/2024	Detection in 1.0 g	PASS
Salmonella spp.	Not Detected in 1g	04/17/2024	Detection in 1.0 g	PASS

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

Mycotoxins Results Test ID: #613644	Metrc Id Tag: 1A40A0100006BD4000026844 Analysis Date: 04/19/2024
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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	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; "BLQ": Below limit of Quantification.

Pesticides Results Test ID: #613643	Metrc Id Tag: 1A40A0100006BD4000026844 Analysis Date: 04/19/2024
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Pesticides 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: 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; "BLQ": Below limit of Quantification.

- End of Analytical Report -