Certificate of Analysis

Analytical Test Report

Client: Bohemia Manufacturer, Inc. OCM-PROC-24-000098	**Final Report**	**MCR-S25-02497 Rev.01.00**	**Laboratory:** MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	Report Date	12/11/2025	
	Lab Permit	OCM-CPL-2022-00008	
	Sample Collection Site	Brooklyn, NY	
	Sample Collection Date and Time	11/25/2025 13:05	

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S25-02497	Peanut Butter Cup (10PK)	CIP	Adult Use	11/25/2025

Lot #	Lot Size (units)	Number of Units Recieved	Serving Size (g)
PBC-101001	200	2	14.3978

The test results presented in this report are accurate, complete, and compliant with the MCR Labs quality control criteria.

Authorization

Julian England

Lead Technical Director

Case Narrative

These results apply only to the items tested, as sampled according to CORP-SOP-NY-20, by MCR Labs New York.

Requested Testing

Test	Code	Procedure	Analytes Tested	Disposition
Cannabinoid Profile	CN	TM-NY-7	CBC, CBD, CBDA, CBDV, CBG, CBGA, CBN, Δ8-THC, Δ9-THC, (6aR,9S)-10-THC, (6aS,9S)-10-THC, THCV, THCVA	N/A
Water Activity	WA	TM-NY-10	Water Activity	Pass
Heavy Metals Screen	HM	TM-NY-5	Arsenic (As), Cadmium (Cd), Mercury (Hg), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Antimony (Sb)	Pass
Mycotoxins Screen	MY	TM-NY-6	Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Total Aflatoxins, Ochratoxin A	Pass
Microbiological Screen	MB	TM-NY-3 TM-NY-8	Total Viable Aerobic Bacteria, Total Yeast and Mold, STEC, Salmonella, Aspergillus	Pass
Residuals Solvents Screen	RS	TM-NY-4	Residual solvents as required by OCM	Pass
Terpene Profile	TP	TM-NY-12	α-Pinene, Camphene, β-Myrcene, β-Pinene, Δ-3-Carene, α-Terpinene, cis-β-Ocimene, D-Limonene, p-Cymene, trans-β-Ocimene, Eucalyptol, γ-Terpinene, Terpinolene, Linalool, Isopulegol, Geraniol, β-Caryophyllene, α-Humulene, cis-Nerolidol, trans-Nerolidol, Guaiol, Caryophyllene Oxide, α-Bisabolol, α-Terpineol, Fenchol, Valencene, α-Phellandrene, trans-β-Farnesene	N/A
Pesticides Screen	PS	TM-NY-6	Pesticides as required by OCM	Pass

Cannabinoid Profile [TM-NY-7] Analyst: TC Test Date: 12/9/2025 14:42

Table 1 - S25-02497 Peanut Butter Cup (10PK) CIP Cannabinoid Testing

Analyte	Cannabinoid	Conc. (mg/serving size)	Conc. (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBC	Cannabichromene	<LOQ	<LOQ	0.00816	0.04000
CBD	Cannabidiol	ND	ND	0.00784	0.04000
CBDA	Cannabidiolic Acid	ND	ND	0.01052	0.04000
CBDV	Cannabidivarin	ND	ND	0.01108	0.04000
CBG	Cannabigerol	<LOQ	<LOQ	0.01688	0.04000
CBGA	Cannabigerolic Acid	ND	ND	0.00820	0.04000
CBN	Cannabinol	<LOQ	<LOQ	0.00780	0.04000
Δ8-THC	Δ8-Tetrahydrocannabinol	ND	ND	0.02620	0.04000
Δ9-THC	Δ9-Tetrahydrocannabinol	10.4	0.724	0.01428	0.04000
Δ10R-THC	Δ10R-Tetrahydrocannabinol	ND	ND	0.00752	0.04000
Δ10S-THC	Δ10S-Tetrahydrocannabinol	ND	ND	0.01064	0.04000
THCV	Tetrahydrocannabivarin	#NUM!	ND	0.01216	0.04000
THCA	Tetryhydrocannabinolic Acid	ND	ND	0.00828	0.04000
Total Active Cannabinoids (sum of above table)		10.4	0.724	N/A	N/A
Total THC = THC + (THCA * 0.877)		10.4	0.724	N/A	N/A
Total CBD = CBD + (CBDA * 0.877)		ND	ND	N/A	N/A

Note: There are no limits established by the New York Office of Cannabis Management for cannabinoid concentrations.
ND = Not Detected; LOQ = Limit of Quantitation; LOD = Limit of Detection.
Δ10R-THC = (6aR,9S)-10-THC; Δ10S-THC = (6aS,9S)-10-THC

Water Activity [TM-NY-10] Analyst: WP Test Date: 11/29/2025 17:27

Table 2 - S25-02497 Peanut Butter Cup (10PK) CIP Water Activity Testing

Test Analysis	Result	Limits	Disposition
Water Activity	0.2763	≤ 0.85	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. Measurement uncertainty is not factored in the disposition.
ND = Not Detected.

Heavy Metals Screen [TM-NY-5] Analyst: BS Test Date: 11/28/2025 14:56

Table 3 - S25-02497 Peanut Butter Cup (10PK) CIP Heavy Metals Testing

Test Analysis	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Limits (µg/g)	Disposition
Arsenic	<LOQ	0.007	0.04	1.5	Pass
Cadmium	0.06	0.017	0.05	0.5	Pass
Mercury	ND	0.020	0.04	3	Pass
Lead	<LOQ	0.007	0.09	0.5	Pass
Chromium	ND	0.645	20.00	1100	Pass
Copper	7.00	0.208	5.45	300	Pass
Nickel	1.48	0.163	0.36	20	Pass
Antimony	ND	0.019	0.36	120	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.
ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation.

Mycotoxins Screen [TM-NY-6] Analyst: NM Test Date: 11/28/2025 11:30 AM

Table 4 - S25-02497 Peanut Butter Cup (10PK) CIP Mycotoxins Testing

Analyte	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Limits (µg/g)	Disposition
Aflatoxin B1	ND	0.0025	0.005	N/A	N/A
Aflatoxin B2	ND	0.0010	0.005	N/A	N/A
Aflatoxin G1	ND	0.0015	0.005	N/A	N/A
Aflatoxin G2	ND	0.0042	0.005	N/A	N/A
Total Aflatoxins	ND	N/A	N/A	0.02	Pass
Ochratoxin A	ND	0.0030	0.010	0.02	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.
ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation.

Microbiological Screen [TM-NY-3] Analyst: TC Test Date: 11/26/2025 12:25

Table 5 - S25-02497 Peanut Butter Cup (10PK) CIP Microbiological Testing

Test Analysis	Result	Unit	LOQ	Limits	Disposition
Total Viable Aerobic Bacteria	<100	CFU/g	100 CFU/g	10000	Pass
Total Yeast and Mold	<100	CFU/g	100 CFU/g	1000	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.
CFU = Colony Forming Unit; LOQ = Limit of Quantitation.

Microbiological Screen [TM-NY-8] Analyst: TC Test Date: 11/26/2025 12:25

Table 6 - S25-02497 Peanut Butter Cup (10PK) CIP Microbiological Testing

Test Analysis	Result	Unit	LOQ	Limits	Disposition
STEC	Negative	N/A	1 CFU/g	Not detected in 1g	Pass
Salmonella	Negative	N/A	1 CFU/g	Not detected in 1g	Pass
Aspergillus	Negative	N/A	1 CFU/g	Not detected in 1g	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.
STEC = Shiga Toxin producing E. coli; CFU = Colony Forming Unit; LOQ = Limit of Quantitation.

Residual Solvents Screen [TM-NY-4] Analyst: NM Test Date: 12/1/2025 11:00

Table 7 - S25-02497 Peanut Butter Cup (10PK) CIP Residual Solvents Testing

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Disposition
Acetone	ND	236.8	2000.0	5000	Pass
Acetonitrile	ND	23.4	164.0	410	Pass
Benzene	ND	0.3	0.8	2	Pass
Chloroform	ND	2.6	24.0	60	Pass
1,2-Dichloroethane	ND	0.3	2.0	5	Pass
Diethyl ether	ND	216.8	2000.0	5000	Pass
Dimethyl sulfoxide	ND	166.4	2000.0	5000	Pass
Ethanol	ND	244.0	2000.0	5000	Pass
Ethyl acetate	ND	202.4	2000.0	5000	Pass
Heptane	ND	187.6	2000.0	5000	Pass
Isopropyl Alcohol	ND	212.4	2000.0	5000	Pass
Methanol	ND	174.4	1200.0	3000	Pass
Methylene Chloride	ND	25.9	240.0	600	Pass
Propane	ND	88.4	1000.0	5000	Pass
1,1,1,2-Tetrafluoroethane	ND	123.6	400.0	1000	Pass
Toluene	ND	32.7	356.0	890	Pass
1,1,1-Trichloroethane	ND	59.2	600.0	1500	Pass
Total Butanes	ND	108.8	1000.0	5000	Pass
Total Hexanes	ND	10.0	116.0	290	Pass
Total Pentanes	ND	124.4	1000.0	5000	Pass
Total Xylenes	ND	86.4	868.0	2170	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.
ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppm = Parts Per Million.

Terpene Profile [TM-NY-12] Analyst: NM Test Date: 11/26/2025 1:00 PM

Table 8 - S25-02497 Peanut Butter Cup (10PK) CIP Terpene Testing

Analyte	Result (weight %)	Result (ppm)	LOD (weight %)	LOD (ppm)	LOQ (weight %)	LOQ (ppm)
α-Pinene	ND	ND	0.0097	97	0.0468	468
Camphene	ND	ND	0.0083	83	0.0468	468
β-Myrcene	ND	ND	0.0079	79	0.0468	468
β-Pinene	ND	ND	0.0076	76	0.0468	468
Δ-3-Carene	ND	ND	0.0078	78	0.0468	468
α-Terpinene	ND	ND	0.0082	82	0.0468	468
cis-β-Ocimene	ND	ND	0.0021	21	0.0117	117
D-Limonene	ND	ND	0.0082	82	0.0468	468
p-Cymene	ND	ND	0.0093	93	0.0468	468
trans-β-Ocimene	ND	ND	0.0070	70	0.0351	351
Eucalyptol	ND	ND	0.0082	82	0.0468	468
γ-Terpinene	ND	ND	0.0081	81	0.0468	468
Terpinolene	ND	ND	0.0081	81	0.0468	468
Linalool	ND	ND	0.0082	82	0.0468	468
Isopulegol	ND	ND	0.0095	95	0.0468	468
Geraniol	ND	ND	0.0103	103	0.0468	468
β-Caryophyllene	ND	ND	0.0098	98	0.0468	468
α-Humulene	ND	ND	0.0090	90	0.0468	468
cis-Nerolidol	ND	ND	0.0045	45	0.0201	201
trans-Nerolidol	ND	ND	0.0121	121	0.0468	468
Guaiol	ND	ND	0.0079	79	0.0468	468
Caryophyllene Oxide	ND	ND	0.0103	103	0.0468	468
α-Bisabolol	ND	ND	0.0096	96	0.0468	468
α-Terpineol	ND	ND	0.0049	49	0.0468	468
Fenchol	ND	ND	0.0023	23	0.0468	468
Valencene	ND	ND	0.0078	78	0.0468	468
α-Phellandrene	ND	ND	0.0171	171	0.0468	468
trans-β-Farnesene	ND	ND	0.0230	230	0.0468	468

	Result (weight %)	Limit (weight %)	Disposition
Total Terpenes	0.0000	N/A	N/A

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.
ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation.

Pesticides Screen [TM-NY-6] Analyst: NM Test Date: 11/28/2025 11:30 AM

Table 9 - S25-02497 Peanut Butter Cup (10PK) CIP Pesticides Testing

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Disposition
Abamectin	ND	0.023	0.200	0.5	Pass
Acephate	ND	0.042	0.200	0.4	Pass
Acequinocyl	ND	0.034	0.200	2.0	Pass
Acetamiprid	ND	0.036	0.160	0.2	Pass
Aldicarb	ND	0.022	0.200	0.4	Pass
Azadirachtin	ND	0.055	0.200	1.0	Pass
Azoxystrobin	ND	0.109	0.100	0.2	Pass
Bifenazate	ND	0.008	0.160	0.2	Pass
Bifenthrin	ND	0.041	0.100	0.2	Pass
Boscalid	ND	0.032	0.200	0.4	Pass
Captan	ND	0.037	0.200	1.0	Pass
Carbaryl	ND	0.063	0.160	0.2	Pass
Carbofuran	ND	0.033	0.160	0.2	Pass
Chlorantraniliprole	ND	0.008	0.190	0.2	Pass
Chlordane	ND	0.083	0.200	1.0	Pass
Chlorfenapyr	ND	0.134	0.500	1.0	Pass
Chlormequat chloride	ND	0.068	0.200	1.0	Pass
Chlorpyrifos	ND	0.005	0.160	0.2	Pass
Clofentezine	ND	0.016	0.100	0.2	Pass
Coumaphos	ND	0.019	0.200	1.0	Pass
Cyfluthrin	ND	0.132	0.500	1.0	Pass
Cypermethrin	ND	0.254	0.500	1.0	Pass
Daminozide	ND	0.049	0.200	1.0	Pass
Diazinon	ND	0.022	0.100	0.2	Pass
Dichlorvos	ND	0.032	0.200	1.0	Pass
Dimethoate	ND	0.108	0.160	0.2	Pass
Dimethomorph	ND	0.007	0.200	1.0	Pass
Ethoprop(hos)	ND	0.014	0.160	0.2	Pass
Etofenprox	ND	0.020	0.200	0.4	Pass
Etoxazole	ND	0.011	0.100	0.2	Pass
Fenhexamid	ND	0.022	0.200	1.0	Pass
Fenoxycarb	ND	0.032	0.160	0.2	Pass
Fenpyroximate	ND	0.019	0.200	0.4	Pass
Fipronil	ND	0.045	0.200	0.4	Pass
Flonicamid	ND	0.058	0.200	1.0	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.
ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppm = Parts Per Million.

Pesticides Screen [TM-NY-6] Analyst: NM Test Date: 11/28/2025 11:30 AM

Table 10 - S25-02497 Peanut Butter Cup (10PK) CIP Pesticides Testing

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Disposition
Fludioxonil	ND	0.113	0.200	0.4	Pass
Hexythiazox	ND	0.042	0.200	1.0	Pass
Imazalil	ND	0.011	0.100	0.2	Pass
Imidacloprid	ND	0.020	0.200	0.4	Pass
Indole-3-butyric Acid	ND	0.015	0.200	1.0	Pass
Kresoxim-methyl	ND	0.038	0.200	0.4	Pass
Malathion	ND	0.027	0.100	0.2	Pass
Metalaxyl	ND	0.006	0.190	0.2	Pass
Methiocarb	ND	0.035	0.100	0.2	Pass
Methomyl	ND	0.056	0.200	0.4	Pass
Methyl parathion	ND	0.046	0.100	0.2	Pass
Mevinphos	ND	0.048	0.200	1.0	Pass
MGK-264	ND	0.014	0.100	0.2	Pass
Myclobutanil	ND	0.031	0.100	0.2	Pass
Naled	ND	0.016	0.200	0.5	Pass
Oxamyl	ND	0.046	0.200	1.0	Pass
Paclobutrazol	ND	0.033	0.200	0.4	Pass
Pentachloronitrobenzene	ND	0.037	0.200	1.0	Pass
Permethrins, Total	ND	0.038	0.100	0.2	Pass
Phosmet	ND	0.020	0.100	0.2	Pass
Piperonyl butoxide	ND	0.010	0.200	2.0	Pass
Prallethrin	ND	0.017	0.100	0.2	Pass
Propiconazole	ND	0.011	0.200	0.4	Pass
Propoxur	ND	0.041	0.190	0.2	Pass
Pyrethrins	ND	0.019	0.200	1.0	Pass
Pyridaben	ND	0.025	0.160	0.2	Pass
Spinetoram, Total	ND	0.034	0.200	1.0	Pass
Spinosad, Total	ND	0.033	0.100	0.2	Pass
Spiromesifen	ND	0.019	0.100	0.2	Pass
Spirotetramat	ND	0.010	0.100	0.2	Pass
Spiroxamine	ND	0.018	0.100	0.2	Pass
Tebuconazole	ND	0.015	0.200	0.4	Pass
Thiacloprid	ND	0.005	0.100	0.2	Pass
Thiamethoxam	ND	0.014	0.100	0.2	Pass
Trifloxystrobin	ND	0.045	0.100	0.2	Pass

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ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppm = Parts Per Million.