Certificate of Analysis

Analytical Test Report

Client: Bohemia Manufacturer, Inc. OCM-PROC-24-000098	**Final Report** **Report Date** **Lab Permit** **Sample Collection Site** **Sample Collection Date and Time**	***MCR-S25-01227 Rev.02.00*** 7/29/2025 OCM-CPL-2022-00008 Brooklyn, NY 7/17/2025 13:45
		Laboratory: MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S25-01227	GRD 4	CIP	Adult Use	7/17/2025

Lot #	Lot Size (units)	Number of Units Recieved	Serving Size (g)
GRDSO4J250710	300	1	6

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. Quality control sample recovered outside tolerance limits, demonstrating a potentially high bias. Results below limits of quantitation are still considered valid. *Report revisions are italicized and underlined.*

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: 7/20/2025 10:51

Table 1 - S25-01227 GRD 4 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	0.368	0.0613	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	9.78	1.63	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	ND	ND	0.01216	0.04000
THCA	Tetryhydrocannabinolic Acid	ND	ND	0.00828	0.04000
Total Active Cannabinoids (sum of above table)		10.1	1.69	N/A	N/A
Total THC = THC + (THCA * 0.877)		9.78	1.63	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: BS Test Date: 7/19/2025 15:00

Table 2 - S25-01227 GRD 4 CIP Water Activity Testing

Test Analysis	Result	Limits	Disposition
Water Activity	0.3926	≤ 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: 7/18/2025 13:35

Table 3 - S25-01227 GRD 4 CIP Heavy Metals Testing

Test Analysis	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Limits (µg/g)	Disposition
Arsenic	ND	0.007	0.04	1.5	Pass
Cadmium	ND	0.017	0.05	0.5	Pass
Mercury	ND	0.020	0.04	3	Pass
Lead	ND	0.007	0.09	0.5	Pass
Chromium	ND	0.645	20.00	1100	Pass
Copper	ND	0.208	5.45	300	Pass
Nickel	ND	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: 7/18/2025 11:00 AM

Table 4 - S25-01227 GRD 4 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: 7/18/2025 12:12

Table 5 - S25-01227 GRD 4 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: 7/18/2025 12:12

Table 6 - S25-01227 GRD 4 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: JE Test Date: 7/19/2025 04:50

Table 7 - S25-01227 GRD 4 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: 7/18/2025 12:00 PM

Table 8 - S25-01227 GRD 4 CIP Terpene Testing

Analyte	Result (weight %)	Result (ppm)	LOD (weight %)	LOD (ppm)	LOQ (weight %)	LOQ (ppm)
α-Pinene	ND	ND	0.0129	129	0.0625	625
Camphene	ND	ND	0.0111	111	0.0625	625
β-Myrcene	ND	ND	0.0105	105	0.0625	625
β-Pinene	ND	ND	0.0101	101	0.0625	625
Δ-3-Carene	ND	ND	0.0104	104	0.0625	625
α-Terpinene	ND	ND	0.0109	109	0.0625	625
cis-β-Ocimene	ND	ND	0.0028	28	0.0156	156
D-Limonene	ND	ND	0.0110	110	0.0625	625
p-Cymene	ND	ND	0.0124	124	0.0625	625
trans-β-Ocimene	ND	ND	0.0094	94	0.0469	469
Eucalyptol	ND	ND	0.0109	109	0.0625	625
γ-Terpinene	ND	ND	0.0108	108	0.0625	625
Terpinolene	ND	ND	0.0108	108	0.0625	625
Linalool	ND	ND	0.0109	109	0.0625	625
Isopulegol	ND	ND	0.0127	127	0.0625	625
Geraniol	ND	ND	0.0138	138	0.0625	625
β-Caryophyllene	ND	ND	0.0131	131	0.0625	625
α-Humulene	ND	ND	0.0120	120	0.0625	625
cis-Nerolidol	ND	ND	0.0060	60	0.0269	269
trans-Nerolidol	ND	ND	0.0161	161	0.0625	625
Guaiol	ND	ND	0.0106	106	0.0625	625
Caryophyllene Oxide	ND	ND	0.0137	137	0.0625	625
α-Bisabolol	ND	ND	0.0128	128	0.0625	625
α-Terpineol	ND	ND	0.0065	65	0.0625	625
Fenchol	ND	ND	0.0030	30	0.0625	625
Valencene	ND	ND	0.0104	104	0.0625	625
α-Phellandrene	ND	ND	0.0228	228	0.0625	625
trans-β-Farnesene	ND	ND	0.0307	307	0.0625	625

	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: 7/19/2025 11:00 AM

Table 9 - S25-01227 GRD 4 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

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

Pesticides Screen [TM-NY-6] Analyst: NM Test Date: 7/19/2025 11:00 AM

Table 10 - S25-01227 GRD 4 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

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.