



Certificate of Analysis

Analytical Test Report

Client: Hepworth CBD license 36-0923	Final Report Report Date Lab Permit	MCR-S26-00145 Rev.01.00 1/27/2026 OCM-CPL-2022-00008	Laboratory: MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	Sample Collection Site		
	Sample Collection Date and Time		

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S26-00145	CBD Balm	CIP	Hemp	1/16/2026

Lot #	Lot Size (units)	Number of Units Recieved	Serving Size (g)
CB30-011			2.4822

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.

This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of MCR Labs. Results apply only to the sample supplied to MCR Labs.

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	Pass
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: BS/TC Test Date: 1/23/2026 14:34

Table 1 - S26-00145 CBD Balm CIP Cannabinoid Testing

Analyte	Cannabinoid	Conc. (mg/serving size)	Conc. (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBC	Cannabichromene	16.7	6.73	0.03842	0.18832
CBD	Cannabidiol	222	89.5	0.03691	0.18832
CBDA	Cannabidiolic Acid	ND	ND	0.04953	0.18832
CBDV	Cannabidivarin	3.25	1.31	0.05217	0.18832
CBG	Cannabigerol	2.76	1.11	0.07947	0.18832
CBGA	Cannabigerolic Acid	<LOQ	<LOQ	0.03861	0.18832
CBN	Cannabinol	0.727	0.293	0.03672	0.18832
Δ8-THC	Δ8-Tetrahydrocannabinol	ND	ND	0.12335	0.18832
Δ9-THC	Δ9-Tetrahydrocannabinol	4.64	1.87	0.06723	0.18832
Δ10R-THC	Δ10R-Tetrahydrocannabinol	ND	ND	0.03540	0.18832
Δ10S-THC	Δ10S-Tetrahydrocannabinol	ND	ND	0.05009	0.18832
THCV	Tetrahydrocannabivarin	ND	ND	0.05725	0.18832
THCA	Tetrahydrocannabinolic Acid	ND	ND	0.03898	0.18832

Total Active Cannabinoids (sum of above table)	250	101	N/A	N/A
Total THC = THC + (THCA * 0.877)	4.64	1.87	N/A	N/A
Total CBD = CBD + (CBDA * 0.877)	222	89.5	N/A	N/A

Note: ND = Not Detected; LOQ = Limit of Quantitation; LOD = Limit of Detection.
 Δ10R-THC = (6aR,9S)-10-THC; Δ10S-THC = (6aS,9S)-10-THC
 Hemp samples have a Δ9-THC limit of 0.3% (weight %).
 Values ≤ 0.3% are considered Pass; values > 0.3% are considered Fail.

Water Activity [TM-NY-10] Analyst: JE/WP Test Date: 1/19/2026 15:40

Table 2 - S26-00145 CBD Balm CIP Water Activity Testing

Test Analysis	Result	Limits	Disposition
Water Activity	0.2459	≤ 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: 1/17/2026 12:42

Table 3 - S26-00145 CBD Balm 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	0.38	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: 1/16/2026 10:00 AM

Table 4 - S26-00145 CBD Balm 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: 1/16/2026 13:28

Table 5 - S26-00145 CBD Balm 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: 1/16/2026 13:28

Table 6 - S26-00145 CBD Balm 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/NM Test Date: 1/21/2026 18:10

Table 7 - S26-00145 CBD Balm 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: 1/16/2026 12:00 PM

Table 8 - S26-00145 CBD Balm CIP Terpene Testing

Analyte	Result (weight %)	Result (ppm)	LOD (weight %)	LOD (ppm)	LOQ (weight %)	LOQ (ppm)
α-Pinene	ND	ND	0.0099	99	0.0481	481
Camphene	ND	ND	0.0085	85	0.0481	481
β-Myrcene	ND	ND	0.0081	81	0.0481	481
β-Pinene	ND	ND	0.0078	78	0.0481	481
Δ-3-Carene	ND	ND	0.0080	80	0.0481	481
α-Terpinene	ND	ND	0.0084	84	0.0481	481
cis-β-Ocimene	ND	ND	0.0022	22	0.0120	120
D-Limonene	<LOQ	<LOQ	0.0085	85	0.0481	481
p-Cymene	ND	ND	0.0095	95	0.0481	481
trans-β-Ocimene	ND	ND	0.0072	72	0.0361	361
Eucalyptol	<LOQ	<LOQ	0.0084	84	0.0481	481
γ-Terpinene	ND	ND	0.0083	83	0.0481	481
Terpinolene	ND	ND	0.0083	83	0.0481	481
Linalool	0.1352	1352	0.0084	84	0.0481	481
Isopulegol	ND	ND	0.0098	98	0.0481	481
Geraniol	ND	ND	0.0106	106	0.0481	481
β-Caryophyllene	ND	ND	0.0101	101	0.0481	481
α-Humulene	ND	ND	0.0092	92	0.0481	481
cis-Nerolidol	ND	ND	0.0046	46	0.0207	207
trans-Nerolidol	ND	ND	0.0124	124	0.0481	481
Guaiol	<LOQ	<LOQ	0.0082	82	0.0481	481
Caryophyllene Oxide	0.0521	521	0.0106	106	0.0481	481
α-Bisabolol	<LOQ	<LOQ	0.0099	99	0.0481	481
α-Terpineol	ND	ND	0.0050	50	0.0481	481
Fenchol	ND	ND	0.0023	23	0.0481	481
Valencene	ND	ND	0.0080	80	0.0481	481
α-Phellandrene	ND	ND	0.0176	176	0.0481	481
trans-β-Farnesene	ND	ND	0.0236	236	0.0481	481

	Result (weight %)	Limit (weight %)	Disposition
Total Terpenes	0.1873	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: 1/19/2026 10:00 AM

Table 9 - S26-00145 CBD Balm 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
Fonicamid	ND	0.058	0.200	1.0	Pass

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Pesticides Screen [TM-NY-6]

Analyst: NM

Test Date: 1/19/2026 10:00 AM

Table 10 - S26-00145 CBD Balm 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.