



Certificate of Analysis

Analytical Test Report

Client: Scotch Valley Ranch Hemp LLC OCM-AUCC-22-000257	Final Report	MCR-S26-00109 Rev.01.00	Laboratory: MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	Report Date	1/20/2026	
	Lab Permit	OCM-CPL-2022-00008	
	Sample Collection Site	Hobart, NY	
	Sample Collection Date and Time	1/13/2026 14:00	

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S26-00109	Zoap (3.5g)	Flower	Adult Use	1/13/2026

Lot #	Lot Size (units)	Number of Units Recieved
ZP102025	3200	13

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	N/A
Moisture Content	MC	TM-NY-1	Moisture Content	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
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	Pass
Pesticides Screen	PS	TM-NY-6	Pesticides as required by OCM	Pass
Filth and Foreign Material	FFM	TM-NY-11	Mammalian Excreta, Stems (>3mm), Foreign Material	Pass

Cannabinoid Profile [TM-NY-7] Analyst: TC Test Date: 1/14/2026 15:15

Table 1 - S26-00109 Zoap (3.5g) Flower Cannabinoid Testing

Analyte	Cannabinoid	Conc. (dry weight %)	LOD (weight %)	LOQ (weight %)
CBC	Cannabichromene	<LOQ	0.0044%	0.0500%
CBD	Cannabidiol	ND	0.0067%	0.0500%
CBDA	Cannabidiolic Acid	<LOQ	0.0051%	0.0500%
CBDV	Cannabidivarin	ND	0.0065%	0.0500%
CBG	Cannabigerol	0.108%	0.0057%	0.0500%
CBGA	Cannabigerolic Acid	0.722%	0.0062%	0.0500%
CBN	Cannabinol	ND	0.0052%	0.0500%
Δ8-THC	Δ8-Tetrahydrocannabinol	ND	0.0188%	0.0500%
Δ9-THC	Δ9-Tetrahydrocannabinol	0.800%	0.0141%	0.0500%
Δ10R-THC	Δ10R-Tetrahydrocannabinol	ND	0.0055%	0.0500%
Δ10S-THC	Δ10S-Tetrahydrocannabinol	ND	0.0044%	0.0500%
THCV	Tetrahydrocannabivarin	<LOQ	0.0084%	0.0500%
THCA	Tetrahydrocannabinolic Acid	30.5%	0.0057%	0.0500%

Total Active Cannabinoids (sum of above table)	32.1%	N/A	N/A
Total THC = THC + (THCA * 0.877)	27.5%	N/A	N/A
Total CBD = CBD + (CBDA * 0.877)	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

Moisture Content [TM-NY-1] Analyst: BS/WP Test Date: 1/14/2026 16:39

Table 2 - S26-00109 Zoap (3.5g) Flower Moisture Content Testing

Test Analysis	Conc. (weight %)	Regulatory Limits	Disposition
Moisture Content	14.4%	15.0%	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. Measurement uncertainty is not factored in the disposition. ND = Not Detected.

Water Activity [TM-NY-10] Analyst: BS/WP Test Date: 1/16/2026 16:01

Table 3 - S26-00109 Zoap (3.5g) Flower Water Activity Testing

Test Analysis	Result	Limits	Disposition
Water Activity	0.3722	≤ 0.65	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: 1/14/2026 14:11

Table 4 - S26-00109 Zoap (3.5g) Flower Heavy Metals Testing

Test Analysis	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Limits (µg/g)	Disposition
Arsenic	ND	0.007	0.04	0.2	Pass
Cadmium	<LOQ	0.017	0.05	0.2	Pass
Mercury	ND	0.020	0.04	0.1	Pass
Lead	0.10	0.007	0.09	0.5	Pass
Chromium	ND	0.645	20.00	110	Pass
Copper	17.56	0.208	5.45	30	Pass
Nickel	1.13	0.163	0.36	5	Pass
Antimony	ND	0.019	0.36	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.

Mycotoxins Screen [TM-NY-6] Analyst: NM Test Date: 1/14/2026 8:30 AM

Table 5 - S26-00109 Zoap (3.5g) Flower 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: 1/14/2026 12:31

Table 6 - S26-00109 Zoap (3.5g) Flower Microbiological Testing

Test Analysis	Result	Unit	LOQ	Limits	Disposition
Total Viable Aerobic Bacteria	82000	CFU/g	100 CFU/g	No Limit	Reported
Total Yeast and Mold	78000	CFU/g	100 CFU/g	No Limit	Reported

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: 1/14/2026 12:31

Table 7 - S26-00109 Zoap (3.5g) Flower 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.

Terpene Profile [TM-NY-12]

Analyst: NM

Test Date: 1/14/2026 1:00 PM

Table 8 - S26-00109 Zoap (3.5g) Flower Terpene Testing

Analyte	Result (weight %)	Result (ppm)	LOD (weight %)	LOD (ppm)	LOQ (weight %)	LOQ (ppm)
α-Pinene	0.0560	560	0.0026	26	0.0125	125
Camphene	0.0169	169	0.0022	22	0.0125	125
β-Myrcene	0.2103	2103	0.0021	21	0.0125	125
β-Pinene	0.0918	918	0.0020	20	0.0125	125
Δ-3-Carene	<LOQ	<LOQ	0.0021	21	0.0125	125
α-Terpinene	ND	ND	0.0022	22	0.0125	125
cis-β-Ocimene	<LOQ	<LOQ	0.0006	6	0.0031	31
D-Limonene	0.7293	7293	0.0022	22	0.0125	125
p-Cymene	ND	ND	0.0025	25	0.0125	125
trans-β-Ocimene	0.0382	382	0.0019	19	0.0094	94
Eucalyptol	<LOQ	<LOQ	0.0022	22	0.0125	125
γ-Terpinene	<LOQ	<LOQ	0.0022	22	0.0125	125
Terpinolene	0.0182	182	0.0022	22	0.0125	125
Linalool	0.0892	892	0.0022	22	0.0125	125
Isopulegol	<LOQ	<LOQ	0.0025	25	0.0125	125
Geraniol	ND	ND	0.0028	28	0.0125	125
β-Caryophyllene	1.1361	11361	0.0026	26	0.0125	125
α-Humulene	0.7150	7150	0.0024	24	0.0125	125
cis-Nerolidol	ND	ND	0.0012	12	0.0054	54
trans-Nerolidol	ND	ND	0.0032	32	0.0125	125
Guaiol	<LOQ	<LOQ	0.0021	21	0.0125	125
Caryophyllene Oxide	0.0373	373	0.0027	27	0.0125	125
α-Bisabolol	0.2328	2328	0.0026	26	0.0125	125
α-Terpineol	0.0525	525	0.0013	13	0.0125	125
Fenchol	0.0572	572	0.0006	6	0.0125	125
Valencene	0.4664	4664	0.0021	21	0.0125	125
α-Phellandrene	ND	ND	0.0046	46	0.0125	125
trans-β-Farnesene	0.1581	1581	0.0061	61	0.0125	125

	Result (weight %)	Limit (weight %)	Disposition
Total Terpenes	4.1053	10.0000	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.

Pesticides Screen [TM-NY-6]

Analyst: NM

Test Date: 1/15/2026 8:30 AM

Table 9 - S26-00109 Zoap (3.5g) Flower 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: 1/15/2026 8:30 AM

Table 10 - S26-00109 Zoap (3.5g) Flower 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.

Filth and Foreign Material [TM-NY-11] Analyst: TC/WP Test Date: 1/17/2026 17:12

Table 11 - S26-00109 Zoap (3.5g) Flower Filth and Foreign Material Testing

Test Analysis	Result	Units	Limits	Disposition
Mammalian Excreta	ND	mg	1 mg	Pass
Stems (>3mm)	ND	%	5%	Pass
Foreign Material	ND	%	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.