



Certificate of Analysis

Analytical Test Report

<b>Client:</b> Scotch Valley Ranch Hemp LLC OCM-AUCC-22-000257	<b>Final Report</b>	<b>MCR-S25-01993 Rev.01.00</b>	<b>Laboratory:</b> MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	<b>Report Date</b>	10/14/2025	
	<b>Lab Permit</b>	OCM-CPL-2022-00008	
	<b>Sample Collection Site</b>	Hobart, NY	
	<b>Sample Collection Date and Time</b>	10/7/2025 13:35	

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S25-01993	Purple Cream	Flower	Adult Use	10/7/2025

Lot #	Lot Size (units)	Number of Units Recieved
PC-1007	500	5

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: 10/12/2025 16:10

**Table 1 - S25-01993 Purple Cream Flower Cannabinoid Testing**

Analyte	Cannabinoid	Conc. (dry weight %)	LOD (weight %)	LOQ (weight %)
CBC	Cannabichromene	ND	0.0044%	0.0500%
CBD	Cannabidiol	ND	0.0067%	0.0500%
CBDA	Cannabidiolic Acid	0.0603%	0.0051%	0.0500%
CBDV	Cannabidivarin	ND	0.0065%	0.0500%
CBG	Cannabigerol	0.154%	0.0057%	0.0500%
CBGA	Cannabigerolic Acid	1.51%	0.0062%	0.0500%
CBN	Cannabinol	ND	0.0052%	0.0500%
Δ8-THC	Δ8-Tetrahydrocannabinol	ND	0.0188%	0.0500%
Δ9-THC	Δ9-Tetrahydrocannabinol	0.432%	0.0141%	0.0500%
Δ10R-THC	Δ10R-Tetrahydrocannabinol	ND	0.0055%	0.0500%
Δ10S-THC	Δ10S-Tetrahydrocannabinol	ND	0.0044%	0.0500%
THCV	Tetrahydrocannabivarin	ND	0.0084%	0.0500%
THCA	Tetrahydrocannabinolic Acid	28.7%	0.0057%	0.0500%

Total Active Cannabinoids (sum of above table)	30.9%	N/A	N/A
Total THC = THC + (THCA * 0.877)	25.6%	N/A	N/A
Total CBD = CBD + (CBDA * 0.877)	0.0529%	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 Test Date: 10/8/2025 14:05

**Table 2 - S25-01993 Purple Cream Flower Moisture Content Testing**

Test Analysis	Conc. (weight %)	Regulatory Limits	Disposition
Moisture Content	13.5%	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 Test Date: 10/11/2025 15:30

**Table 3 - S25-01993 Purple Cream Flower Water Activity Testing**

Test Analysis	Result	Limits	Disposition
Water Activity	0.5606	≤ 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: 10/10/2025 15:40

**Table 4 - S25-01993 Purple Cream Flower Heavy Metals Testing**

Test Analysis	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Limits (µg/g)	Disposition
Arsenic	<LOQ	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	<LOQ	0.007	0.09	0.5	Pass
Chromium	ND	0.645	20.00	110	Pass
Copper	16.31	0.208	5.45	30	Pass
Nickel	0.91	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: 10/8/2025 11:05 AM

**Table 5 - S25-01993 Purple Cream 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: 10/8/2025 11:43

**Table 6 - S25-01993 Purple Cream Flower Microbiological Testing**

Test Analysis	Result	Unit	LOQ	Limits	Disposition
Total Viable Aerobic Bacteria	91000	CFU/g	100 CFU/g	No Limit	Reported
Total Yeast and Mold	67000	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.

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**Microbiological Screen [TM-NY-8]** Analyst: JE Test Date: 10/8/2025 11:43

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**Table 7 - S25-01993 Purple Cream 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

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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: 10/8/2025 12:00 PM

**Table 8 - S25-01993 Purple Cream Flower Terpene Testing**

Analyte	Result (weight %)	Result (ppm)	LOD (weight %)	LOD (ppm)	LOQ (weight %)	LOQ (ppm)
α-Pinene	0.0268	268	0.0026	26	0.0125	125
Camphene	<LOQ	<LOQ	0.0022	22	0.0125	125
β-Myrcene	0.4604	4604	0.0021	21	0.0125	125
β-Pinene	0.0467	467	0.0020	20	0.0125	125
Δ-3-Carene	<LOQ	<LOQ	0.0021	21	0.0125	125
α-Terpinene	<LOQ	<LOQ	0.0022	22	0.0125	125
cis-β-Ocimene	<LOQ	<LOQ	0.0006	6	0.0031	31
D-Limonene	0.3282	3282	0.0022	22	0.0125	125
p-Cymene	ND	ND	0.0025	25	0.0125	125
trans-β-Ocimene	0.0554	554	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	<LOQ	<LOQ	0.0022	22	0.0125	125
Linalool	0.0821	821	0.0022	22	0.0125	125
Isopulegol	ND	ND	0.0025	25	0.0125	125
Geraniol	ND	ND	0.0028	28	0.0125	125
β-Caryophyllene	0.7168	7168	0.0026	26	0.0125	125
α-Humulene	0.2799	2799	0.0024	24	0.0125	125
cis-Nerolidol	<LOQ	<LOQ	0.0012	12	0.0054	54
trans-Nerolidol	0.0121	121	0.0032	32	0.0125	125
Guaiol	ND	ND	0.0021	21	0.0125	125
Caryophyllene Oxide	0.0306	306	0.0027	27	0.0125	125
α-Bisabolol	0.0738	738	0.0026	26	0.0125	125
α-Terpineol	0.0218	218	0.0013	13	0.0125	125
Fenchol	0.0183	183	0.0006	6	0.0125	125
Valencene	0.2314	2314	0.0021	21	0.0125	125
α-Phellandrene	ND	ND	0.0046	46	0.0125	125
trans-β-Farnesene	0.2146	2146	0.0061	61	0.0125	125

	Result (weight %)	Limit (weight %)	Disposition
Total Terpenes	2.5989	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: 10/9/2025 11:05 AM

**Table 9 - S25-01993 Purple Cream 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: 10/9/2025 11:05 AM

**Table 10 - S25-01993 Purple Cream 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.

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**Filth and Foreign Material [TM-NY-11]** Analyst: JE Test Date: 10/10/2025 16:30

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**Table 11 - S25-01993 Purple Cream 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

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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.