



Certificate of Analysis

Analytical Test Report

<b>Client:</b> Basin Mixtures OCM-PROC-24-000034	<b>Final Report</b>	<b>MCR-S25-00661 Rev.01.00</b>	<b>Laboratory:</b> MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	<b>Report Date</b>	5/10/2025	
	<b>Lab Permit</b>	OCM-CPL-2022-00008	
	<b>Sample Collection Site</b>	Brooklyn, NY	
	<b>Sample Collection Date and Time</b>	5/6/2025 11:00	

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S25-00661	Green Apple Lollipops - 5 Pack	CIP	Adult Use	5/6/2025

Lot #	Lot Size (units)	Number of Units Recieved	Serving Size (g)
EDKP-003	3200	3	17

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
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	N/A
Pesticides Screen	PS	TM-NY-6	Pesticides as required by OCM	Pass

**Cannabinoid Profile [TM-NY-7]**

Analyst: TC

Test Date: 5/8/2025 11:00

**Table 1 - S25-00661 Green Apple Lollipops - 5 Pack CIP Cannabinoid Testing**

Analyte	Cannabinoid	Conc. (mg/serving size)	Conc. (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBC	Cannabichromene	<LOQ	<LOQ	0.00352	0.04000
CBD	Cannabidiol	ND	ND	0.00536	0.04000
CBDA	Cannabidiolic Acid	ND	ND	0.00404	0.04000
CBDV	Cannabidivarin	ND	ND	0.00520	0.04000
CBG	Cannabigerol	<LOQ	<LOQ	0.00456	0.04000
CBGA	Cannabigerolic Acid	ND	ND	0.00492	0.04000
CBN	Cannabinol	<LOQ	<LOQ	0.00416	0.04000
Δ8-THC	Δ8-Tetrahydrocannabinol	ND	ND	0.01504	0.04000
Δ9-THC	Δ9-Tetrahydrocannabinol	10.8	0.638	0.01128	0.04000
Δ10R-THC	Δ10R-Tetrahydrocannabinol	ND	ND	0.00436	0.04000
Δ10S-THC	Δ10S-Tetrahydrocannabinol	ND	ND	0.00352	0.04000
THCV	Tetrahydrocannabivarin	ND	ND	0.00676	0.04000
THCA	Tetrahydrocannabinolic Acid	ND	ND	0.00456	0.04000

Total Active Cannabinoids (sum of above table)	10.8	0.638	N/A	N/A
Total THC = THC + (THCA * 0.877)	10.8	0.638	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: 5/9/2025 15:00

**Table 2 - S25-00661 Green Apple Lollipops - 5 Pack CIP Water Activity Testing**

Test Analysis	Result	Limits	Disposition
Water Activity	0.3469	≤ 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: 5/8/2025 15:18

**Table 3 - S25-00661 Green Apple Lollipops - 5 Pack 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: 5/8/2025 10:10 AM

**Table 4 - S25-00661 Green Apple Lollipops - 5 Pack 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: 5/7/2025 10:53

**Table 5 - S25-00661 Green Apple Lollipops - 5 Pack 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: 5/7/2025 10:53

**Table 6 - S25-00661 Green Apple Lollipops - 5 Pack 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.

**Terpene Profile [TM-NY-12]** Analyst: NM Test Date: 5/7/2025 11:14 AM

**Table 7 - S25-00661 Green Apple Lollipops - 5 Pack CIP Terpene Testing**

Analyte	Result (weight %)	Result (ppm)	LOD (weight %)	LOD (ppm)	LOQ (weight %)	LOQ (ppm)
α-Pinene	<LOQ	<LOQ	0.0049	49	0.0236	236
Camphene	ND	ND	0.0042	42	0.0236	236
β-Myrcene	<LOQ	<LOQ	0.0040	40	0.0236	236
β-Pinene	ND	ND	0.0038	38	0.0236	236
Δ-3-Carene	ND	ND	0.0039	39	0.0236	236
α-Terpinene	<LOQ	<LOQ	0.0041	41	0.0236	236
cis-β-Ocimene	ND	ND	0.0011	11	0.0059	59
D-Limonene	ND	ND	0.0042	42	0.0236	236
p-Cymene	<LOQ	<LOQ	0.0047	47	0.0236	236
trans-β-Ocimene	ND	ND	0.0036	36	0.0177	177
Eucalyptol	ND	ND	0.0041	41	0.0236	236
γ-Terpinene	<LOQ	<LOQ	0.0041	41	0.0236	236
Terpinolene	ND	ND	0.0041	41	0.0236	236
Linalool	<LOQ	<LOQ	0.0041	41	0.0236	236
Isopulegol	ND	ND	0.0048	48	0.0236	236
Geraniol	ND	ND	0.0052	52	0.0236	236
β-Caryophyllene	ND	ND	0.0050	50	0.0236	236
α-Humulene	ND	ND	0.0045	45	0.0236	236
cis-Nerolidol	ND	ND	0.0023	23	0.0102	102
trans-Nerolidol	ND	ND	0.0061	61	0.0236	236
Guaiol	ND	ND	0.0040	40	0.0236	236
Caryophyllene Oxide	0.0304	304	0.0052	52	0.0236	236
α-Bisabolol	ND	ND	0.0048	48	0.0236	236
α-Terpineol	<LOQ	<LOQ	0.0025	25	0.0236	236
Fenchol	<LOQ	<LOQ	0.0011	11	0.0236	236
Valencene	ND	ND	0.0039	39	0.0236	236
α-Phellandrene	ND	ND	0.0086	86	0.0236	236
trans-β-Farnesene	ND	ND	0.0116	116	0.0236	236

	Result (weight %)	Limit (weight %)	Disposition
Total Terpenes	0.0304	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: 5/8/2025 10:10 AM

**Table 8 - S25-00661 Green Apple Lollipops - 5 Pack 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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**Pesticides Screen [TM-NY-6]**

Analyst: NM

Test Date: 5/8/2025 10:10 AM

**Table 9 - S25-00661 Green Apple Lollipops - 5 Pack 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.