



Certificate of Analysis

Analytical Test Report

Client: Basin Mixtures OCM-PROC-24-000034	Final Report	MCR-S24-01165 Rev.01.00	Laboratory: MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	Report Date	10/29/2024	
	Lab Permit	OCM-CPL-2022-00008	
	Sample Collection Site	Brooklyn, NY	
	Sample Collection Date and Time	10/21/2024 09:30	

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S24-01165	Grease Monkey Vape	Concentrate	Adult Use	10/21/2024

Lot #	Lot Size (units)	Number of Units Recieved
PNYGM-1151-582	500	22

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
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

Cannabinoid Profile [TM-NY-7]

Analyst: TC

Test Date: 10/22/2024 17:35

Table 1 - S24-01165 Grease Monkey Vape Concentrate Cannabinoid Testing

Analyte	Cannabinoid	Conc. (weight %)	Conc. (mg/g)	LOD (weight %)	LOQ (weight %)
CBC	Cannabichromene	0.855%	8.55	0.0157%	0.1783%
CBD	Cannabidiol	0.254%	2.54	0.0239%	0.1783%
CBDA	Cannabidiolic Acid	ND	ND	0.0180%	0.1783%
CBDV	Cannabidivarin	ND	ND	0.0232%	0.1783%
CBG	Cannabigerol	1.46%	14.6	0.0203%	0.1783%
CBGA	Cannabigerolic Acid	<LOQ	<LOQ	0.0219%	0.1783%
CBN	Cannabinol	0.896%	8.96	0.0185%	0.1783%
Δ8-THC	Δ8-Tetrahydrocannabinol	ND	ND	0.0670%	0.1783%
Δ9-THC	Δ9-Tetrahydrocannabinol	68.9%	689	0.0503%	0.1783%
Δ10R-THC	Δ10R-Tetrahydrocannabinol	ND	ND	0.0194%	0.1783%
Δ10S-THC	Δ10S-Tetrahydrocannabinol	<LOQ	<LOQ	0.0157%	0.1783%
THCV	Tetrahydrocannabivarin	0.591%	5.91	0.0301%	0.1783%
THCA	Tetrahydrocannabinolic Acid	ND	ND	0.0203%	0.1783%

Total Active Cannabinoids (sum of above table)	73.0%	730	N/A	N/A
Total THC = THC + (THCA * 0.877)	68.9%	689	N/A	N/A
Total CBD = CBD + (CBDA * 0.877)	0.254%	2.54	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

Heavy Metals Screen [TM-NY-5]

Analyst: BS

Test Date: 10/22/2024 17:00

Table 2 - S24-01165 Grease Monkey Vape Concentrate 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	ND	0.017	0.05	0.2	Pass
Mercury	ND	0.020	0.04	0.1	Pass
Lead	ND	0.007	0.09	0.5	Pass
Chromium	ND	0.645	20.00	110	Pass
Copper	ND	0.208	5.45	30	Pass
Nickel	ND	0.163	0.36	2	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: 10/22/2024 12:40 PM

Table 3 - S24-01165 Grease Monkey Vape Concentrate 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: 10/22/2024 13:19

Table 4 - S24-01165 Grease Monkey Vape Concentrate 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: 10/22/2024 13:19

Table 5 - S24-01165 Grease Monkey Vape Concentrate 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: 10/24/2024 12:03

Table 6 - S24-01165 Grease Monkey Vape Concentrate Terpene Testing

Analyte	Result (weight %)	Result (ppm)	LOD (weight %)	LOD (ppm)	LOQ (weight %)	LOQ (ppm)
α-Pinene	0.2210	2210	0.0129	129	0.0625	625
Camphene	<LOQ	<LOQ	0.0111	111	0.0625	625
β-Myrcene	0.7822	7822	0.0105	105	0.0625	625
β-Pinene	0.2014	2014	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	<LOQ	<LOQ	0.0028	28	0.0156	156
D-Limonene	1.6681	16681	0.0110	110	0.0625	625
p-Cymene	ND	ND	0.0124	124	0.0625	625
trans-β-Ocimene	0.0501	501	0.0094	94	0.0469	469
Eucalyptol	ND	ND	0.0109	109	0.0625	625
γ-Terpinene	<LOQ	<LOQ	0.0108	108	0.0625	625
Terpinolene	<LOQ	<LOQ	0.0108	108	0.0625	625
Linalool	0.3003	3003	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	2.3579	23579	0.0131	131	0.0625	625
α-Humulene	0.7742	7742	0.0120	120	0.0625	625
cis-Nerolidol	0.0906	906	0.0060	60	0.0269	269
trans-Nerolidol	<LOQ	<LOQ	0.0161	161	0.0625	625
Guaiol	<LOQ	<LOQ	0.0106	106	0.0625	625
Caryophyllene Oxide	0.0702	702	0.0137	137	0.0625	625
α-Bisabolol	0.1061	1061	0.0128	128	0.0625	625
α-Terpineol	0.1136	1136	0.0065	65	0.0625	625
Fenchol	0.1404	1404	0.0030	30	0.0625	625
Valencene	1.1231	11231	0.0104	104	0.0625	625
α-Phellandrene	ND	ND	0.0228	228	0.0625	625
trans-β-Farnesene	0.3781	3781	0.0307	307	0.0625	625

	Result (weight %)	Limit (weight %)	Disposition
Total Terpenes	8.3773	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: 10/22/2024 12:40 PM

Table 7 - S24-01165 Grease Monkey Vape Concentrate 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: 10/22/2024 12:40 PM

Table 8 - S24-01165 Grease Monkey Vape Concentrate 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	0.110	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.

MCR Labs

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License #: OCM-CPL-2022-00008

Certificate of Analysis

Final



Date Released: 10/29/2024 10:30:36AM

Report #: 27801



Residual Solvents
PASS

Grease Monkey

Sample #: 6721, **Weight:** 1.00g, **Unit Count:**

Order #: X241028-0034

Category/Type: Concentrates & Extract, Concentrate

Date Collected: 10/28/2024 7:43:14AM

Date Received: 10/28/2024 8:32:04AM

Regulator Sample ID: Grease Monkey

Regulator Source Package ID: Grease Monkey

Regulator Batch ID: Grease Monkey

Size: Not Provided, **Unit Count:**

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 10/28/2024 3:55 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	0.0500	5.00	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2.00	ND	Pass
Butanes Total	25.00	5000	185.2	Pass
Chloroform	0.5000	60.0	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	ND	Pass
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Freon	50.00	1000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	ND	Pass

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



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Dr. Kelly Greenland, Lab Director



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License #: OCM-CPL-2022-00008

Certificate of Analysis

Final



Sample #: 6721

Grease Monkey

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 10/28/2024 3:55 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Methylene chloride	50.00	600	ND	Pass
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



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