



Certificate of Analysis

Analytical Test Report

Client: Growing Renaissance LLC OCM-AUCC-22-000236	Final Report	MCR-S24-00578 <u>Rev.02.00</u>	Laboratory: MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	Report Date	6/21/2024	
	Lab Permit	OCM-CPL-2022-00008	
	Sample Collection Site	Canastota, NY	
	Sample Collection Date and Time	6/17/2024 10:00	

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S24-00578	Bundles Sour Tangie 01	Flower	Adult Use	6/17/2024

Lot #	Lot Size (units)	Number of Units Recieved
ST01	1,198	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 received, by MCR Labs New York. Report revisions are italicized and underlined.

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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
<u>Moisture Content</u>	<u>MC</u>	<u>TM-NY-1</u>	<u>Moisture Content</u>	<u>Pass</u>
<u>Water Activity</u>	<u>WA</u>	<u>TM-NY-10</u>	<u>Water Activity</u>	<u>Pass</u>
Heavy Metals Screen	HM	TM-NY-5	Arsenic (As), Cadmium (Cd), Mercury (Hg), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Antimony (Sb)	Pass
<u>Mycotoxins Screen</u>	<u>MY</u>	<u>TM-NY-6</u>	<u>Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Total Aflatoxins, Ochratoxin A</u>	<u>Pass</u>
<u>Microbiological Screen</u>	<u>MB</u>	<u>TM-NY-3</u> <u>TM-NY-8</u>	<u>Total Viable Aerobic Bacteria, Total Yeast and Mold, STEC, Salmonella, Aspergillus</u>	<u>Pass</u>
<u>Terpene Profile</u>	<u>TP</u>	<u>TM-NY-12</u>	<u>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</u>	<u>Pass</u>
Pesticides Screen	PS	TM-NY-6	Pesticides as required by OCM	Pass
<u>Filth and Foreign Material</u>	<u>FFM</u>	<u>TM-NY-11</u>	<u>Mammalian Excreta, Stems (&gt;3mm), Foreign Material</u>	<u>Pass</u>

**Cannabinoid Profile [TM-NY-7]** Analyst: TC Test Date: 06/18/2024 15:03

**Table 1 - S24-00578 Bundles Sour Tangie 01 Flower Cannabinoid Testing**

Analyte	Cannabinoid	Conc. (dry weight %)	LOD (weight %)	LOQ (weight %)
CBC	Cannabichromene	ND	0.0102%	0.0500%
CBD	Cannabidiol	ND	0.0098%	0.0500%
CBDA	Cannabidiolic Acid	<LOQ	0.0132%	0.0500%
CBDV	Cannabidivarin	ND	0.0139%	0.0500%
CBG	Cannabigerol	0.178%	0.0211%	0.0500%
CBGA	Cannabigerolic Acid	0.508%	0.0102%	0.0500%
CBN	Cannabinol	ND	0.0098%	0.0500%
Δ8-THC	Δ8-Tetrahydrocannabinol	ND	0.0328%	0.0500%
Δ9-THC	Δ9-Tetrahydrocannabinol	2.97%	0.0178%	0.0500%
Δ10R-THC	Δ10R-Tetrahydrocannabinol	ND	0.0094%	0.0500%
Δ10S-THC	Δ10S-Tetrahydrocannabinol	<LOQ	0.0133%	0.0500%
THCV	Tetrahydrocannabivarin	<LOQ	0.0152%	0.0500%
THCA	Tetrahydrocannabinolic Acid	25.1%	0.0104%	0.0500%

Total Active Cannabinoids (sum of above table)	28.8%	N/A	N/A
Total THC = THC + (THCA * 0.877)	25.0%	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 Test Date: 6/18/2024 14:40

**Table 2 - S24-00578 Bundles Sour Tangie 01 Flower Moisture Content Testing**

Test Analysis	Conc. (weight %)	Regulatory Limits	Disposition
Moisture Content	14.5%	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: 6/18/2024 16:00

**Table 3 - S24-00578 Bundles Sour Tangie 01 Flower Water Activity Testing**

Test Analysis	Result	Limits	Disposition
Water Activity	0.6115	≤ 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: 06/18/2024 15:28

**Table 4 - S24-00578 Bundles Sour Tangie 01 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	ND	0.017	0.05	0.3	Pass
Mercury	ND	0.114	0.04	0.1	Pass
Lead	ND	0.007	0.09	0.5	Pass
Chromium	ND	0.645	20.00	110	Pass
Copper	<LOQ	0.208	5.45	30	Pass
Nickel	ND	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: 6/18/2024 2:00 PM

**Table 5 - S24-00578 Bundles Sour Tangie 01 Flower Mycotoxins Testing**

Analyte	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Limits (µg/g)	Disposition
<u>Aflatoxin B1</u>	<u>ND</u>	<u>0.0025</u>	<u>0.005</u>	<u>N/A</u>	<u>N/A</u>
<u>Aflatoxin B2</u>	<u>ND</u>	<u>0.0010</u>	<u>0.005</u>	<u>N/A</u>	<u>N/A</u>
<u>Aflatoxin G1</u>	<u>ND</u>	<u>0.0015</u>	<u>0.005</u>	<u>N/A</u>	<u>N/A</u>
<u>Aflatoxin G2</u>	<u>ND</u>	<u>0.0042</u>	<u>0.005</u>	<u>N/A</u>	<u>N/A</u>
<u>Total Aflatoxins</u>	<u>ND</u>	<u>N/A</u>	<u>N/A</u>	<u>0.02</u>	<u>Pass</u>
<u>Ochratoxin A</u>	<u>ND</u>	<u>0.0030</u>	<u>0.010</u>	<u>0.02</u>	<u>Pass</u>

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: JE Test Date: 6/17/2024 16:10

**Table 6 - S24-00578 Bundles Sour Tangie 01 Flower Microbiological Testing**

Test Analysis	Result	Unit	LOQ	Limits	Disposition
<u>Total Viable Aerobic Bacteria</u>	<u>&lt;100</u>	<u>CFU/g</u>	<u>100 CFU/g</u>	<u>No Limit</u>	<u>Reported</u>
<u>Total Yeast and Mold</u>	<u>&lt;100</u>	<u>CFU/g</u>	<u>100 CFU/g</u>	<u>No Limit</u>	<u>Reported</u>

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: 6/17/2024 16:10

**Table 7 - S24-00578 Bundles Sour Tangie 01 Flower Microbiological Testing**

<u>Test Analysis</u>	<u>Result</u>	<u>Unit</u>	<u>LOQ</u>	<u>Limits</u>	<u>Disposition</u>
<u>STEC</u>	<u>Negative</u>	<u>N/A</u>	<u>1 CFU/g</u>	<u>Not detected in 1g</u>	<u>Pass</u>
<u>Salmonella</u>	<u>Negative</u>	<u>N/A</u>	<u>1 CFU/g</u>	<u>Not detected in 1g</u>	<u>Pass</u>
<u>Aspergillus</u>	<u>Negative</u>	<u>N/A</u>	<u>1 CFU/g</u>	<u>Not detected in 1g</u>	<u>Pass</u>

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: 06/18/2024 12:05**

**Table 8 - S24-00578 Bundles Sour Tangie 01 Flower Terpene Testing**

<b>Analyte</b>	<b>Result (weight %)</b>	<b>Result (ppm)</b>	<b>LOD (weight %)</b>	<b>LOD (ppm)</b>	<b>LOQ (weight %)</b>	<b>LOQ (ppm)</b>
<i>α</i> -Pinene	0.0329	329	0.0026	26	0.0125	125
Camphene	0.0129	129	0.0022	22	0.0125	125
<i>β</i> -Myrcene	0.1616	1616	0.0021	21	0.0125	125
<i>β</i> -Pinene	0.0622	622	0.0020	20	0.0125	125
<i>Δ</i> -3-Carene	ND	ND	0.0021	21	0.0125	125
<i>α</i> -Terpinene	ND	ND	0.0022	22	0.0125	125
<i>cis</i> - <i>β</i> -Ocimene	<LOQ	<LOQ	0.0006	6	0.0031	31
<i>D</i> -Limonene	0.4452	4452	0.0022	22	0.0125	125
<i>p</i> -Cymene	ND	ND	0.0025	25	0.0125	125
<i>trans</i> - <i>β</i> -Ocimene	<LOQ	<LOQ	0.0019	19	0.0094	94
Eucalyptol	ND	ND	0.0022	22	0.0125	125
<i>γ</i> -Terpinene	ND	ND	0.0022	22	0.0125	125
Terpinolene	<LOQ	<LOQ	0.0022	22	0.0125	125
Linalool	0.1721	1721	0.0022	22	0.0125	125
Isopulegol	0.0531	531	0.0025	25	0.0125	125
Geraniol	ND	ND	0.0028	28	0.0125	125
<i>β</i> -Caryophyllene	0.2069	2069	0.0026	26	0.0125	125
<i>α</i> -Humulene	0.1863	1863	0.0024	24	0.0125	125
<i>cis</i> -Nerolidol	0.0190	190	0.0012	12	0.0054	54
<i>trans</i> -Nerolidol	ND	ND	0.0032	32	0.0125	125
Guaiol	0.1291	1291	0.0021	21	0.0125	125
Caryophyllene Oxide	<LOQ	<LOQ	0.0027	27	0.0125	125
<i>α</i> -Bisabolol	0.1078	1078	0.0026	26	0.0125	125
<i>α</i> -Terpineol	0.0681	681	0.0013	13	0.0125	125
Fenchol	0.1025	1025	0.0006	6	0.0125	125
Valencene	0.1303	1303	0.0021	21	0.0125	125
<i>α</i> -Phellandrene	ND	ND	0.0046	46	0.0125	125
<i>trans</i> - <i>β</i> -Farnesene	0.0754	754	0.0061	61	0.0125	125

	<b>Result (weight %)</b>	<b>Limit (weight %)</b>	<b>Disposition</b>
<b>Total Terpenes</b>	1.9654	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: 6/19/2024 2:00 PM

Table 9 - S24-00578 Bundles Sour Tangie 01 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
Fonicamid	ND	0.058	0.200	1.0	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.  
 ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppm = Parts Per Million.

**Pesticides Screen [TM-NY-6]** Analyst: NM Test Date: 6/19/2024 2:00 PM

**Table 10 - S24-00578 Bundles Sour Tangie 01 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*

*Test Date: 6/17/2024 15:33*

**Table 11 - S24-00578 Bundles Sour Tangie 01 Flower Filth and Foreign Material Testing**

<b><u>Test Analysis</u></b>	<b><u>Result</u></b>	<b><u>Units</u></b>	<b><u>Limits</u></b>	<b><u>Disposition</u></b>
<i>Mammalian Excreta</i>	<i>ND</i>	<i>mg</i>	<i>1 mg</i>	<i>Pass</i>
<i>Stems (&gt;3mm)</i>	<i>ND</i>	<i>%</i>	<i>5%</i>	<i>Pass</i>
<i>Foreign Material</i>	<i>ND</i>	<i>%</i>	<i>2%</i>	<i>Pass</i>

*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.*