

261 Mountain View Dr Colchester, VT 05446 License #: TLAB0030 802-767-7256 info@onwardanalytics.biz

Certificate of Analysis

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Client Name: Full Circle Farm License Number: CLVT0250

Sample ID: VT18823

Sample Name: Magical Mo'Mints
Sample Lot: MANU0014-M0M012024

Sample Matrix: Edibles
Date Received: 2/26/2025
Date Reported: 3/6/2025
Date Tested: 3/5/2025



Total Cannabinoids					
	%	mg/g	mg/unit		
Total THC:	0.112	1.119	1.914		
Total CBD:			0.000		
Total Cannabinoids:	0.112	1.119	1.914		
Unit Weight (g): 1.7101					

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #61371

Analyte	%	mg/g	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	0.0003	0.0040
CBCA	ND	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	<loq< td=""><td>0.0008</td><td>0.0040</td></loq<>	0.0008	0.0040
CBDA	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	<loq< td=""><td>0.0009</td><td>0.0040</td></loq<>	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
CBN	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	0.0012	0.0040
D9 THC	0.1119	1.119	1.91	0.0016	0.0049
D10 THC	< LOQ	< LOQ	<loq< td=""><td>0.0004</td><td>0.0040</td></loq<>	0.0004	0.0040
THCA	ND	ND	ND	0.0002	0.0040
THCV	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	0.0002	0.0040

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Callie Chapman Lab Director 3/6/2025

Rev. 1 Initial Release

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Certificate of Analysis

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Sample ID: 0A1499

Sample Name: Type I 1st Pass Distillate

Sample Lot: MANU001923D09

Sample Matrix: Solvent Extraction Concentrates

Date Received: 5/1/2023 Date Reported: 5/8/2023



Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #2810

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
THCV	< LOQ	< LOQ	0.0016	0.0049
CBDA	ND	ND	0.0002	0.0040
CBD	ND	ND	0.0008	0.0040
CBG	3.4227	34.227	0.0009	0.0040
CBGA	ND	ND	0.0001	0.0040
THCVA	ND	ND	0.0002	0.0040
CBN	ND	ND	0.0004	0.0040
CBCVA	ND	ND	0.0004	0.0040
D9 THC	71.0309	710.309	0.0016	0.0049
D8 THC	0.8263	8.263	0.0012	0.0040
CBNA	ND	ND	0.0002	0.0040
D10 THC	< LOQ	< LOQ	0.0004	0.0040
CBC	1.6696	16.696	0.0003	0.0040
THCA	< LOQ	< LOQ	0.0002	0.0040
CBCA	ND	ND	0.0002	0.0040

Total Cannabinoids					
	%	mg/g			
Total THC:	71.031	710.309			
Total Cannabinoids:	76.950	769.495			

Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)







Certificate of Analysis

Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test ID: #2834

Analyte	Pass/Fail	Result (ppm)	Limit (ppm)	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00011	0.00110
Acephate	Pass	ND	0.10000	0.00168	0.01680
Acequinocyl	Pass	ND	0.10000	0.00167	0.01670
Azoxystrobin	Pass	ND	0.10000	0.00168	0.01680
Bifenazate	Pass	ND	0.10000	0.00167	0.01670
Bifenthrin	Pass	ND	3.00000	0.00167	0.01670
Carbaryl	Pass	ND	0.50000	0.00167	0.01670
Chlorpyrifos	Pass	ND	0.04000	0.00167	0.01670
Cypermethrin	Pass	ND	1.00000	0.00168	0.01680
Etoxazole	Pass	ND	0.10000	0.00168	0.01680
Imazalil	Pass	ND	0.04000	0.00167	0.01670
Imidacloprid	Pass	ND	5.00000	0.00166	0.01660
Myclobutanil	Pass	< LOQ	0.10000	0.00167	0.01670
Spinosyn A	Pass	ND	0.10000	0.00120	0.01199
Spinosyn D	Pass	ND	0.10000	0.00042	0.00415
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

^{*} Pyrethrins action limit represents sum of isomers I & II

Residual Solvents

Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-OA) - Limit units: µg/g | Test | D: #2833

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	17.008	51.538
Acetonitrile	Pass	< LOQ	410.000	4.017	12.172
Benzene	Pass	< LOQ	2.000	0.163	0.495
Chloroform	Pass	< LOQ	60.000	0.489	1.482
Ethanol	Pass	< LOQ	5000.000	44.183	133.887
Heptanes (total)	Pass	< LOQ	5000.000	62.270	188.696
Hexanes (total)	Pass	< LOQ	290.000	1.322	4.005
Isopropyl Alcohol	Pass	< LOQ	5000.000	2.364	7.162
Methanol	Pass	< LOQ	3000.000	27.126	82.201
Methylene Chloride	Pass	< LOQ	600.000	4.046	12.260
Toluene	Pass	< LOQ	890.000	6.317	19.143
Xylenes (total)	Pass	< LOQ	2170.000	19.426 14.858 *	58.868 45.024 *
Additional Solvent Analytes					
Propane	Pass	< LOQ	5000.000	110.712	335.490
2-Methylpropane	Pass	< LOQ	5000.000	150.773	456.887
2,2-Dimethylbutane	Pass	< LOQ	5000.000	2.869	8.693
2,3-Dimethylbutane	Pass	< LOQ	5000.000	1.944	5.892
n-Butane	Pass	< LOQ	5000.000	152.350	461.667
2-Methylpentane	Pass	< LOQ	5000.000	1.664	5.042
3-Methylpentane	Pass	< LOQ	5000.000	2.056	6.231
Isopentane	Pass	< LOQ	5000.000	137.828	417.661
n-Pentane	Pass	< LOQ	5000.000	136.677	414.172
Neopentane	Pass	< LOQ	5000.000	28.431	86.154

^{*} Xylenes action limit represents sum of m,p-Xylene and o-Xylene





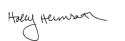


Certificate of Analysis

Heavy Metals PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-0A) - Limit units: µg/kg | Test | D: #2835

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	< LOQ	1.500	0.00130	0.050
Cadmium	PASS	< LOQ	0.500	0.00002	0.050
Lead	PASS	< LOQ	1.000	0.00095	0.050
Mercury	PASS	< L00	1.500	0.00020	0.050





Report Date: 11/10/2022



Certificate of Analysis

Company: Full Circle Farm LLC Sample ID: Harvest Lot 2022

PO Box 4391 **Lot:** N/A

Burlington, VT 05406 Matrix: Flower Date Analyzed: 11/10/2022

Customer ID: 221021-2 Date Sampled: N/A Analyst: 018

Grower License #: CLVT-0051 Date Received: 10.21.22 Report ID: C221021AJ

Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<lod< td=""></lod<>
STEC	STEC Virx AOAC PTM No. 121203	5	<lod< td=""></lod<>
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<lod< td=""></lod<>



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

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Certified by: Luke E: M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



Certificate of Analysis

Client Name: Full Circle Farms

License Number: CLVT-0051

Sample ID: VT111

Sample Description: Double OG Chem Sample Name: CLVT0051-002-007

Sample Matrix: Flower
Date Received: 11/14/2022
Date Reported: 11/18/2022



Microbiological Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #253

Analyte	Result	Pass/Fail	
A. Fumigatus	None Detected	PASS	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

Callie Chapman Lab Director 11/18/2022







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Client Name: Full Circle Farms License Number: CLVT-0051

Sample ID: VT70

Sample Description: Harvest Lot Sample Name: CLVT-0051-002 Sample Matrix: Flower **Date Received: 11/7/2022 Date Reported:** 11/18/2022

Microbiological Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #262

Analyte	Result	Pass/Fail	
A. Fumigatus	None Detected	PASS	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

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Certificate of Analysis

Pathogens	FAIL

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #805

Analyte	Result	Pass/Fail	
A. Fumigatus	Detected	FAIL	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

Callie Chapman Lab Director 1/12/2023







Certificate of Analysis

Client Name: Full Circle Farms License Number: CLVT-0051

Sample ID: VT207

Sample Description: Wild Cherry Sample Name: CLVT0051-002-0013

Sample Matrix: Flower **Date Received: 12/7/2022 Date Reported: 12/21/2022**

PASS Pathogens

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #409

Analyte	Result	Pass/Fail	
A. Fumigatus	None Detected	PASS	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

Callie Chapman Lab Director 12/21/2022







Certificate of Analysis

Pathogens	PASS
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Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #256

Analyte	Result	Pass/Fail	
A. Fumigatus	None Detected	PASS	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

Callie Chapman Lab Director 12/6/2022







Certificate of Analysis

Client Name: Full Circle Farms
License Number: CLVT-0051

Sample ID: VT407

Sample Name: Speed Queen
Sample Lot: 002-18
Sample Matrix: Flower
Date Received: 1/5/2023
Date Reported: 1/11/2023



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #787

Analyte	Result	Pass/Fail	
A. Fumigatus	None Detected	PASS	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

Callie Chapman Lab Director 1/11/2023







Certificate of Analysis

Client Name: Full Circle Farms License Number: CLVT-0051

Sample ID: VT70

Sample Description: Harvest Lot Sample Name: CLVT-0051-002 Sample Matrix: Flower **Date Received: 11/7/2022 Date Reported:** 11/18/2022

Microbiological Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #262

Analyte	Result	Pass/Fail	
A. Fumigatus	None Detected	PASS	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

Callie Chapman Lab Director 11/18/2022







Certificate of Analysis

Client Name: Full Circle Farms License Number: CLVT-0051

Sample ID: VT205

Sample Description: Rebel Cookies Sample Name: CLVT0051-002-010

Sample Matrix: Flower **Date Received: 12/7/2022 Date Reported: 12/21/2022**



PASS Pathogens

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #408

Analyte	Result	Pass/Fail	
A. Fumigatus	None Detected	PASS	
A. Niger	None Detected	PASS	
A. Flavus	None Detected	PASS	
A. Terreus	None Detected	PASS	
STEC	None Detected	PASS	
Salmonella	None Detected	PASS	

Callie Chapman Lab Director 12/21/2022



