



261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@vt.steepphill.com

Certificate of Analysis

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

Sample ID: VT407
Sample Name: 002-18
Sample Lot: 002-18
Sample Matrix: Flower
Date Received: 1/5/2023
Date Reported: 1/9/2023



Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-VT) | Test ID: #781

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBD	0.2037	2.037	0.2232	2.232	0.0008	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.4712	4.712	0.5162	5.162	0.0001	0.0040
THCVA	0.1831	1.831	0.2006	2.006	0.0002	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBCVA	ND	ND	ND	ND	0.0004	0.0040
D9 THC	0.3318	3.318	0.3636	3.636	0.0016	0.0049
D8 THC	ND	ND	ND	ND	0.0012	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D10 THC	ND	ND	ND	ND	0.0004	0.0040
CBC	ND	ND	ND	ND	0.0003	0.0040
THCA	20.9089	209.089	22.9088	229.088	0.0002	0.0040
CBCA	0.355	3.55	0.389	3.89	0.0002	0.0040

Total Cannabinoids				
	% (Dry)	mg/g (Dry)	%	mg/g
Total THC:	18.669	186.689	20.455	204.546
Total Cannabinoids:	22.454	224.537	24.601	246.014

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

Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-VT) | Test ID: #782

Analyte	Result (%)	Limit	Pass/Fail
Moisture	8.73	13	PASS
Water Activity	0.63	0.65	PASS

Callie Chapman
Lab Director
1/9/2023



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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: 1/30/2023



Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-VT) | Test ID: #789

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	0.0562	0.562	0.004	0.013
Camphene	0.0187	0.187	0.003	0.009
β-Pinene	0.1059	1.059	0.004	0.013
Myrcene	0.3832	3.832	0.004	0.014
3-Carene	ND	ND	0.003	0.009
α-Terpinene	ND	ND	0.004	0.025
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	0.6856	6.856	0.004	0.012
Cineole	ND	ND	0.003	0.009
Ocimene	ND	ND	0.004	0.012
gamma-Terpinene	ND	ND	0.005	0.015
α-Terpinolene	ND	ND	0.005	0.014
Linalool	0.0362	0.362	0.005	0.014
Isopulegol	ND	ND	0.004	0.012
Geraniol	ND	ND	0.011	0.034
trans-Caryophyllene	0.7992	7.992	0.004	0.013
α-Humulene	0.2679	2.679	0.003	0.009
Nerolidol	0.1598	1.598	0.011	0.034
Caryophyllene Oxide	< LOQ	< LOQ	0.006	0.017
Guaiol	< LOQ	< LOQ	0.003	0.009
α-Bisabolol	0.2141	2.141	0.005	0.014

Callie Chapman
 Lab Director
 1/30/2023



Sample ID: VT407

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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



Sample ID: VT407

In performing the services, Steep Hill Vermont Labs, ("SHVT") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require SHVT to make judgements based upon limited data rather than upon scientific certainties; (b) SHVT's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) SHVT renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with SHVT's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by SHVT or other parties), and reliance upon any SHVT report without reference to any such other reports is done at client's sole risk.





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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



Sample ID: VT70

In performing the services, Steep Hill Vermont Labs, ("SHVT") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require SHVT to make judgements based upon limited data rather than upon scientific certainties; (b) SHVT's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) SHVT renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with SHVT's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by SHVT or other parties), and reliance upon any SHVT report without reference to any such other reports is done at client's sole risk.



Certificate of Analysis

Company: Full Circle Farm LLC
 PO Box 4391
 Burlington, VT 05406
Customer ID: 221021-2
Grower License #: CLVT-0051

Sample ID: Harvest Lot 2022
Lot: N/A
Matrix: Flower
Date Sampled: N/A
Date Received: 10/21/2022

Report Date: 11/17/2022
Date Analyzed: 11/15/2022
Analyst: 45
Report ID: C221021AJ

Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	0.0010	<LOQ
Pyrethrin I	0.0010	<LOQ
Pyrethrin II	0.0010	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)
Ochratoxin A	0.0020	NOT TESTED
Aflatoxin B1	0.0002	NOT TESTED
Alfatoxin B2	0.0010	NOT TESTED
Alfatoxin G1	0.0002	NOT TESTED
Alfatoxin G2	0.0010	NOT TESTED

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

14.44%

**Percent
Moisture**



LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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 Results apply to the samples as received.