



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

# Certificate of Analysis

**Client Name:** Full Circle Farm  
**License Number:** CLVT-0051

**Sample ID:** OA406  
**Sample Name:** Lemon Sugar Kush  
**Sample Lot:** 002-17  
**Sample Matrix:** Flower  
**Date Received:** 1/5/2023  
**Date Reported:** 4/3/2023



## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #779

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	ND	ND	ND	ND	0.0008	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.1913	11.913	1.1109	11.109	0.0001	0.0040
THCVA	0.1951	1.951	0.182	1.82	0.0002	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBCVA	ND	ND	ND	ND	0.0004	0.0040
D9 THC	0.7529	7.529	0.7021	7.021	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	21.7282	217.282	20.2615	202.615	0.0002	0.0040
CBCA	1.0391	10.391	0.969	9.69	0.0002	0.0040

Total Cannabinoids		
	% (Dry)	mg/g (Dry)
Total THC:	19.809	198.085
Total Cannabinoids:	24.907	249.066

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

## Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #780

Analyte	Result (%)	Limit	Pass/Fail
Moisture	6.75	13.00	PASS
Water Activity	0.54	0.65	PASS

Callie Chapman  
 Lab Director  
 4/3/2023



In performing the services, Onward Analytics, ("OA") 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 OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.



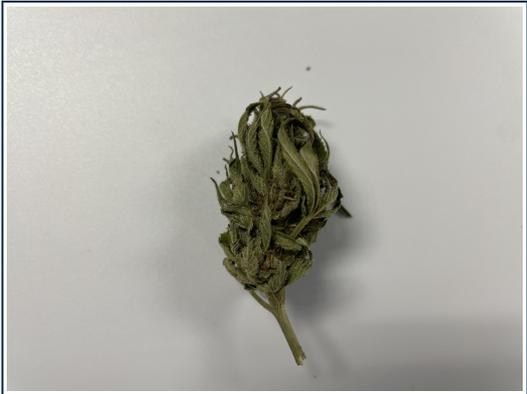


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# Certificate of Analysis

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

**Sample ID:** VT203  
**Sample Name:** Lemon Sugar Kush  
**Sample Lot:** CLVT0051-002-006  
**Sample Matrix:** Flower  
**Date Received:** 12/7/2022  
**Date Reported:** 1/30/2023



## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-VT) | Test ID: #410

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	0.2323	2.323	0.004	0.013
Camphene	< LOQ	< LOQ	0.003	0.009
β-Pinene	0.1428	1.428	0.004	0.013
Myrcene	1.2832	12.832	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	0.2307	2.307	0.004	0.012
Cineole	ND	ND	0.003	0.009
Ocimene	< LOQ	< LOQ	0.004	0.012
gamma-Terpinene	ND	ND	0.005	0.015
α-Terpinolene	ND	ND	0.005	0.014
Linalool	0.0379	0.379	0.005	0.014
Isopulegol	ND	ND	0.004	0.012
Geraniol	ND	ND	0.011	0.034
trans-Caryophyllene	0.3121	3.121	0.004	0.013
α-Humulene	0.1567	1.567	0.003	0.009
Nerolidol	< LOQ	< LOQ	0.011	0.034
Caryophyllene Oxide	< LOQ	< LOQ	0.006	0.017
Guaiol	ND	ND	0.003	0.009
α-Bisabolol	0.0777	0.777	0.005	0.014

Callie Chapman  
 Lab Director  
 1/30/2023



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:** VT203  
**Sample Description:** Lemon Sugar Kush  
**Sample Name:** CLVT0051-002-006  
**Sample Matrix:** Flower  
**Date Received:** 12/7/2022  
**Date Reported:** 12/21/2022



## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #406

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



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## Certificate of Analysis

**Company:** Cannabis Control Board

**Sample ID:** 3-1-23-02 Biomass Mix

89 Main St

**Lot:** N/A

**Report Date:** 3/3/2023

Montpelier, VT 05602

**Matrix:** Flower

**Date Analyzed:** 3/2/2023

**Customer ID:** 200529-01

**Date Sampled:** 3/1/2023

**Analyst:** 045

**Grower License #:** S-000000871

**Date Received:** 3/1/2023

**Report ID:** C230301A0

### 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
Etoazole	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



15.77%

**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 Emerson Mason (Laboratory Director, Bia Diagnostics)

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Results apply to the samples as received.