



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: VT9069

Sample Name: Speed Queen

Sample Lot: MANU0010-244-05

Sample Matrix: Flower

Date Received: 4/10/2024

Date Reported: 9/12/2024

Date Tested: 4/15/2024



Total Cannabinoids

	%	mg/g
Total THC:	11.311	113.110
Total CBD:	--	--
Total Cannabinoids:	14.557	145.565

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-OA) | Test ID: #26852

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.7966	7.966	0.6876	6.876	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.9573	9.573	0.8262	8.262	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.6761	6.761	0.5836	5.836	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	12.1265	121.265	10.4663	104.663	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #26853

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.69	13.00	PASS
Water Activity	0.63	0.65	

Callie Chapman

Callie Chapman
Lab Director
9/12/2024

Rev. 02 Editorial: Lot Code

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Client Name: Full Circle Farm

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Sample ID: VT4488

Sample Name: Speed Queen

Sample Lot: MANU0010-244-05

Sample Matrix: Flower

Date Received: 10/26/2023

Date Reported: 9/12/2024

Date Tested: 10/30/2023



Total Terpenes (%) : 2.1265

Dominant Terpenes (%)

Myrcene	0.9196
beta-caryophyllene	0.3001
alpha-Pinene	0.1765
Limonene	0.1552
beta-Pinene	0.113

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #11718

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.0623	0.623	0.000003	0.002
alpha-Humulene	0.0912	0.912	0.000002	0.002
alpha-Pinene	0.1765	1.765	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	ND	ND	0.000004	0.002
beta-caryophyllene	0.3001	3.001	0.000004	0.002
beta-Pinene	0.113	1.13	0.000002	0.002
Camphene	0.0412	0.412	0.000001	0.002
Caryophyllene Oxide	0.0766	0.766	0.000011	0.002
Eucalyptol	0.0385	0.385	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	0.0733	0.733	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.1552	1.552	0.000002	0.002
Linalool	ND	ND	0.000003	0.002
Nerolidol	ND	ND	0.000007	0.002
Myrcene	0.9196	9.196	0.000003	0.002
Ocimene	0.079	0.79	0.000002	0.002
Total Terpenes	2.1265	21.265		

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Lab Director
9/12/2024

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Client Name: Full Circle Farm

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Sample ID: VT4492

Sample Name: HL2: FF,SQ,S,WSM,EL2

Sample Lot: CLTV0250-002

Sample Matrix: Flower

Date Received: 10/26/2023

Date Reported: 11/3/2023

Date Tested: 10/30/2023



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #11731

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00006	0.00060
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	ND	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

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Lab Director
11/3/2023

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Client Name: Full Circle Farm

License Number: CLVT-0051



Sample ID: VT6878

Sample Name: Speed Queen

Sample Lot: MANU0010-244-05

Sample Matrix: Flower

Date Received: 10/26/2023

Date Reported: 9/12/2024

Date Tested: 1/24/2024



Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #20210

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

ONWARD
ANALYTICS

Callie Chapman
Lab Director
9/12/2024

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