

Certificate of Analysis

Company: Full Circle Farm LLC

Sample ID: Hash infused Speed Queen

Lot: MANU0010-162-004

Report Date: 4/24/2024

Matrix: Infused Pre-Roll

Date Analyzed: 4/23/2024

Customer ID: 221021-2

Date Sampled: N/A

Analyst: 057

Grower License #: CLVT-0051

Date Received: 4/18/2024

Report ID: C240418AG

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	25.23	2.52
CBG	0.0019	1.55	0.15
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	9.21	0.92
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	312.23	31.22
CBC	0.0024	<LOQ	<LOQ
Total THC		283.04	28.30
Total CBD		<LOQ	<LOQ
Total Cannabinoids		348.22	34.82

28.3%

Total THC

<LOQ

Total CBD

34.82%

Total Cannabinoids

0.92%

Δ9-THC

10.12%

Percent Moisture

N/A

THC : CBD Ratio



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid 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.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
 Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

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

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

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

Certificate of Analysis

Company: Full Circle Farm LLC

Sample ID: Hash infused Speed Queen

Lot: MANU0010-162-004

Report Date: 4/24/2024

Matrix: Infused Pre-Roll

Date Analyzed: 4/19/2024

Customer ID: 221021-2

Date Sampled: N/A

Analyst: 48

Grower License #: CLVT-0051

Date Received: 4/18/2024

Report ID: C240418AG

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α - Pinene	0.010	1.304	0.130
Camphene	0.010	0.134	0.013
β -Myrcene	0.010	5.495	0.550
b-Pinene	0.010	1.595	0.160
3-Carene	0.010	0.168	0.017
α -Terpinene	0.010	0.073	0.007
Limonene	0.010	4.926	0.493
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	2.818	0.282
Eucalyptol	0.010	0.247	0.025
γ -Terpinene	0.010	0.086	0.009
Terpinolene	0.010	1.840	0.184
Linalool	0.010	0.872	0.087
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	6.824	0.682
α -Humulene	0.010	3.321	0.332
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	0.038	0.004
Caryophyllene Oxide	0.010	0.038	0.004
α -Bisabolol	0.010	0.014	0.001
Total Terpenes		29.793	2.980

10.12%
Percent Moisture

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS



Reagent Blanks: < LOQs for all analytes

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

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

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Certified by: _____



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



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Certificate of Analysis

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

Sample ID: VT6878
Sample Name: Speed Queen
Sample Lot: CLTV0250-002-004
Sample Matrix: Flower
Date Received: 10/26/2023
Date Reported: 1/29/2024
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

Callie Chapman
 Lab Director
 1/29/2024

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.



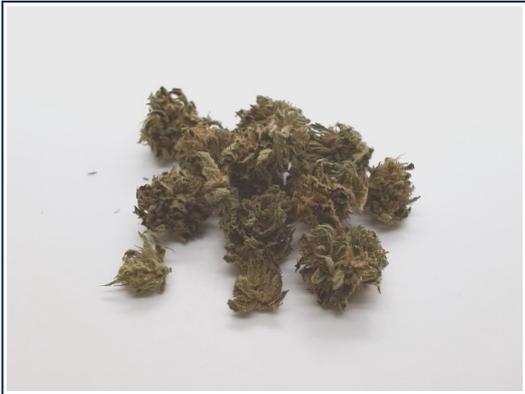


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Certificate of Analysis

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

Sample ID: VT9069
Sample Name: Speed Queen
Sample Lot: CLTV0250-002-004
Sample Matrix: Flower
Date Received: 4/10/2024
Date Reported: 4/17/2024
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	
Water Activity	0.63	0.65	PASS

Callie Chapman
 Lab Director
 4/17/2024

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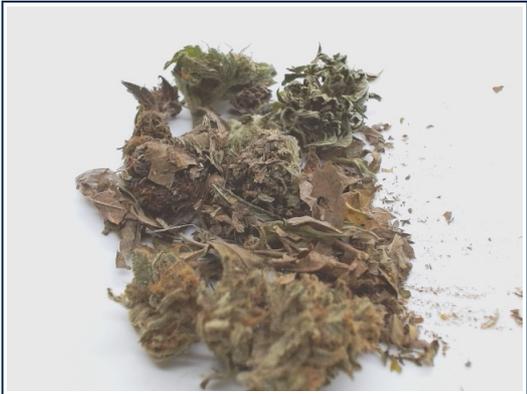


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Certificate of Analysis

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

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

Callie Chapman
 Lab Director
 11/3/2023

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Certificate of Analysis

Client Name: Kria Commons
License Number: MANU-0005

Sample ID: VT8075
Sample Name: FCF-AK47WATER HASH
Sample Lot: MANU0005-24-T-FCF-AK47-H1
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 3/4/2024
Date Reported: 3/13/2024
Date Tested: 3/5/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #23860

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
 3/13/2024

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Certificate of Analysis

Client Name: Kria Commons
License Number: MANU-0005

Sample ID: VT8075
Sample Name: FCF-AK47WATER HASH
Sample Lot: MANU0005-24-T-FCF-AK47-H1
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 3/4/2024
Date Reported: 3/13/2024
Date Tested: 3/6/2024



Total Cannabinoids		
	%	mg/g
Total THC:	55.368	553.676
Total CBD:	--	--
Total Cannabinoids:	67.112	671.118

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: #23859

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	0.6196	6.196	0.0002	0.0040
CBD	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	3.5651	35.651	0.0001	0.0040
CBN	ND	ND	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	ND	ND	0.0012	0.0040
D9 THC	1.4679	14.679	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	61.4592	614.592	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040

Callie Chapman
 Lab Director
 3/13/2024

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Certificate of Analysis

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

Sample ID: VT4498
Sample Name: HL1: RH,AK47,GCV,TW,FD
Sample Lot: CLTV0250-001-00
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: #11752

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

Callie Chapman
 Lab Director
 11/3/2023

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