

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-024-0A) | Test | D: #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

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test ID: #26853

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

PASS

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Page 1 of 1



Certificate of Analysis

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

Sample ID: VT4488

Sample Name: Speed Queen Sample Lot: CLTV0250-002-004 Sample Matrix: Flower **Date Received: 10/26/2023 Date Reported: 11/3/2023** 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-069-0A) | 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	0.00003	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	
Cineole	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	0.00007	0.002	
Isopulegol	ND	ND	0.00005	0.002	
Isopropyl Toluene	ND	ND	0.00003	0.002	
Limonene	0.1552	1.552	0.000002	0.002	
Linalool	ND	ND	0.00003	0.002	
Nerolidol	ND	ND	0.00007	0.002	
Myrcene	0.9196	9.196	0.00003	0.002	
Ocimene	0.079	0.79	0.000002	0.002	
Total Terpenes	2.1265	21.265			







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



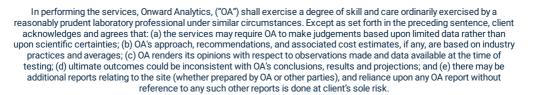
Pathogens

PASS

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	











Certificate of Analysis

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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 | D: #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
lmazalil	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







Certificate of Analysis

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

Sample ID: VT4497

Sample Name: Farmers Daughter Sample Lot: CLTV0250-001-005 Sample Matrix: Flower **Date Received: 10/26/2023 Date Reported: 11/3/2023** Date Tested: 10/30/2023



Total Terpenes (%): 2.8033

Dominant Terpenes (%)				
beta-caryophyllene	1.0206			
Limonene	0.4792			
alpha-Bisabolol	0.329			
alpha-Humulene	0.2979			
Linalool	0.1448			

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #11750

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	
alpha-Bisabolol	0.329	3.29	0.000003	0.002	
alpha-Humulene	0.2979	2.979	0.000002	0.002	
alpha-Pinene	0.0762	0.762	0.000001	0.002	
alpha-Terpinene	ND	ND	0.000001	0.002	
alpha-Terpinolene	0.0338	0.338	0.00004	0.002	
beta-caryophyllene	1.0206	10.206	0.00004	0.002	
beta-Pinene	0.1048	1.048	0.000002	0.002	
Camphene	0.0479	0.479	0.000001	0.002	
Caryophyllene Oxide	0.0836	0.836	0.000011	0.002	
Cineole	0.025	0.25	0.000002	0.002	
gamma-Terpinene	ND	ND	0.000002	0.002	
Geraniol	ND	ND	0.000008	0.002	
Guaiol	ND	ND	0.000007	0.002	
Isopulegol	ND	ND	0.000005	0.002	
Isopropyl Toluene	ND	ND	0.000003	0.002	
Limonene	0.4792	4.792	0.000002	0.002	
Linalool	0.1448	1.448	0.000003	0.002	
Nerolidol	ND	ND	0.000007	0.002	
Myrcene	0.1166	1.166	0.000003	0.002	
Ocimene	0.0439	0.439	0.000002	0.002	
Total Terpenes	2.8033	28.033			







Certificate of Analysis

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

Sample ID: VT4497

Sample Name: Farmers Daughter Sample Lot: CLTV0250-001-005

Sample Matrix: Flower
Date Received: 10/26/2023
Date Reported: 11/3/2023
Date Tested: 10/30/2023



Total Cannabinoids						
% mg/g						
Total THC:	21.089	210.890				
Total CBD:						
Total Cannabinoids:	26.029	260.288				

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 | D: #11748

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.8606	8.606	0.7447	7.447	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	1.1214	11.214	0.9704	9.704	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	24.0468	240.468	20.8077	208.077	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test ID: #11749

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.47	13.00	PASS
Water Activity	0.62	0.65	

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Certificate of Analysis

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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 | D: #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







Certificate of Analysis

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

Sample ID: VT4497

Sample Name: Farmers Daughter Sample Lot: CLTV0250-001-005

Sample Matrix: Flower
Date Received: 10/26/2023
Date Reported: 11/3/2023
Date Tested: 10/30/2023



Pathogens PASS

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	







Certificate of Analysis

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

Sample ID: VT4494

Sample Name: AK-47

Sample Lot: CLTV0250-001-002

Sample Matrix: Flower **Date Received: 10/26/2023 Date Reported: 11/3/2023** Date Tested: 10/30/2023



Total Terpenes (%): 2.1902

Dominant Terpenes (%)				
beta-caryophyllene	0.6977			
Limonene	0.3461			
alpha-Humulene	0.2639			
Myrcene	0.1656			
alpha-Bisabolol	0.1339			

Terpenes

Standard terpene analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #11738

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	
alpha-Bisabolol	0.1339	1.339	0.000003	0.002	
alpha-Humulene	0.2639	2.639	0.000002	0.002	
alpha-Pinene	0.0563	0.563	0.000001	0.002	
alpha-Terpinene	0.0357	0.357	0.000001	0.002	
alpha-Terpinolene	0.051	0.51	0.000004	0.002	
beta-caryophyllene	0.6977	6.977	0.000004	0.002	
beta-Pinene	0.0789	0.789	0.000002	0.002	
Camphene	0.0426	0.426	0.000001	0.002	
Caryophyllene Oxide	0.0797	0.797	0.000011	0.002	
Cineole	0.0242	0.242	0.000002	0.002	
gamma-Terpinene	ND	ND	0.000002	0.002	
Geraniol	ND	ND	0.000008	0.002	
Guaiol	ND	ND	0.000007	0.002	
Isopulegol	ND	ND	0.000005	0.002	
Isopropyl Toluene	ND	ND	0.00003	0.002	
Limonene	0.3461	3.461	0.000002	0.002	
Linalool	0.0834	0.834	0.000003	0.002	
Nerolidol	0.0926	0.926	0.000007	0.002	
Myrcene	0.1656	1.656	0.000003	0.002	
Ocimene	0.0386	0.386	0.000002	0.002	
Total Terpenes	2.1902	21.902			







Certificate of Analysis

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

Sample ID: VT4494

Sample Name: AK-47

Sample Lot: CLTV0250-001-002

Sample Matrix: Flower

Date Received: 10/26/2023

Date Reported: 11/3/2023

Date Tested: 10/30/2023



Total Cannabinoids					
% mg/g					
Total THC:	19.093	190.929			
Total CBD:					
Total Cannabinoids:	23.488	234.880			

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

Potency

 $Standard\ potency\ analysis\ utilizing\ High\ Performance\ Liquid\ Chromatography\ (HPLC;\ SOP-024-0A)\ |\ Test\ ID:\ \#11736$

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.3879	3.879	0.3353	3.353	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	1.3294	13.294	1.149	11.49	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	21.7707	217.707	18.8164	188.164	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test ID: #11737

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.57	13.00	PASS
Water Activity	0.62	0.65	







Certificate of Analysis

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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 | D: #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







Certificate of Analysis

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

Sample ID: VT4494

Sample Name: AK-47

Sample Lot: CLTV0250-001-002

Sample Matrix: Flower **Date Received: 10/26/2023 Date Reported: 11/3/2023**

Date Tested: 10/30/2023



Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #11739

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	





reference to any such other reports is done at client's sole risk.



Certificate of Analysis

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

Sample ID: VT4495

Sample Name: Green Crack Sample Lot: CLTV0250-001-003 Sample Matrix: Flower **Date Received: 10/26/2023 Date Reported: 11/3/2023** Date Tested: 10/30/2023



Total Terpenes (%): 2.6138

Dominant Terpenes (%)				
beta-caryophyllene	0.7099			
Myrcene	0.4334			
Limonene	0.3719			
alpha-Bisabolol	0.2637			
alpha-Humulene	0.2449			

Terpenes

Standard terpene analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #11742

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.2637	2.637	0.00003	0.002
alpha-Humulene	0.2449	2.449	0.000002	0.002
alpha-Pinene	0.0601	0.601	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	ND	ND	0.000004	0.002
beta-caryophyllene	0.7099	7.099	0.00004	0.002
beta-Pinene	0.0839	0.839	0.000002	0.002
Camphene	0.0446	0.446	0.000001	0.002
Caryophyllene Oxide	0.0799	0.799	0.000011	0.002
Cineole	0.0334	0.334	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	0.0854	0.854	0.00007	0.002
Isopulegol	ND	ND	0.00005	0.002
Isopropyl Toluene	ND	ND	0.00003	0.002
Limonene	0.3719	3.719	0.000002	0.002
Linalool	0.0858	0.858	0.00003	0.002
Nerolidol	0.1169	1.169	0.00007	0.002
Myrcene	0.4334	4.334	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
Total Terpenes	2.6138	26.138		





Certificate of Analysis

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

Sample ID: VT4495

Sample Name: Green Crack
Sample Lot: CLTV0250-001-003
Sample Matrix: Flower
Date Received: 10/26/2023

Date Reported: 11/3/2023 **Date Tested:** 10/30/2023



Total Cannabinoids					
% mg/g					
Total THC:	20.479	204.787			
Total CBD:					
Total Cannabinoids:	25.547	255.469			

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

Potency

 $Standard\ potency\ analysis\ utilizing\ High\ Performance\ Liquid\ Chromatography\ (HPLC;\ SOP-024-0A)\ |\ Test\ ID:\ \#11740$

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.3312	3.312	0.2862	2.862	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	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	1.5574	15.574	1.346	13.46	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	0.3847	3.847	0.3325	3.325	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	22.9122	229.122	19.803	198.03	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	0.3614	3.614	0.3124	3.124	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test ID: #11741

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.57	13.00	PASS
Water Activity	0.62	0.65	

Collif Den -



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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-070-0A) - Limit units: ppm | Test |D:

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
Aceguinocyl	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







Certificate of Analysis

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

Sample ID: VT4495

Sample Name: Green Crack Sample Lot: CLTV0250-001-003 Sample Matrix: Flower

Date Received: 10/26/2023 Date Reported: 11/3/2023 Date Tested: 10/30/2023



PASS Pathogens

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	







Certificate of Analysis

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

Sample ID: VT4493

Sample Name: Royal Highness Sample Lot: CLTV0250-001-001 Sample Matrix: Flower **Date Received: 10/26/2023 Date Reported: 11/3/2023** Date Tested: 10/30/2023



Total Terpenes (%): 2.8843

Dominant Terpenes (%)				
beta-caryophyllene	1.1545			
Limonene	0.4099			
Myrcene	0.367			
alpha-Humulene	0.3266			
Linalool	0.1459			

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #11734

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	
alpha-Bisabolol	0.0636	0.636	0.000003	0.002	
alpha-Humulene	0.3266	3.266	0.000002	0.002	
alpha-Pinene	0.0966	0.966	0.000001	0.002	
alpha-Terpinene	ND	ND	0.000001	0.002	
alpha-Terpinolene	0.0308	0.308	0.000004	0.002	
beta-caryophyllene	1.1545	11.545	0.000004	0.002	
beta-Pinene	0.0987	0.987	0.000002	0.002	
Camphene	0.0437	0.437	0.000001	0.002	
Caryophyllene Oxide	0.0878	0.878	0.000011	0.002	
Cineole	ND	ND	0.000002	0.002	
gamma-Terpinene	ND	ND	0.000002	0.002	
Geraniol	ND	ND	0.000008	0.002	
Guaiol	ND	ND	0.000007	0.002	
Isopulegol	ND	ND	0.000005	0.002	
Isopropyl Toluene	ND	ND	0.00003	0.002	
Limonene	0.4099	4.099	0.000002	0.002	
Linalool	0.1459	1.459	0.000003	0.002	
Nerolidol	ND	ND	0.000007	0.002	
Myrcene	0.367	3.67	0.000003	0.002	
Ocimene	0.0592	0.592	0.000002	0.002	
Total Terpenes	2.8843	28.843			







Certificate of Analysis

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

Sample ID: VT4493

Sample Name: Royal Highness

Sample Lot: CLTV0250-001-001

Sample Matrix: Flower

Date Received: 10/26/2023

Date Reported: 11/3/2023

Date Tested: 10/30/2023



Total Cannabinoids					
	%	mg/g			
Total THC:	21.433	214.330			
Total CBD:					
Total Cannabinoids:	25.295	252.950			

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 | D: #11732

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.5142	5.142	0.4453	4.453	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	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	0.4041	4.041	0.35	3.5	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	0.444	4.44	0.3846	3.846	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	23.9327	239.327	20.7281	207.281	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-202-0A) | Test ID: #11733

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.39	13.00	PASS
Water Activity	0.61	0.65	

Collif Den -



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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-070-0A) - Limit units: ppm | Test |D:

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
Aceguinocyl	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







Certificate of Analysis

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

Sample ID: VT4493

Sample Name: Royal Highness Sample Lot: CLTV0250-001-001 Sample Matrix: Flower **Date Received: 10/26/2023 Date Reported: 11/3/2023** Date Tested: 10/30/2023



Pathogens

PASS

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	



