

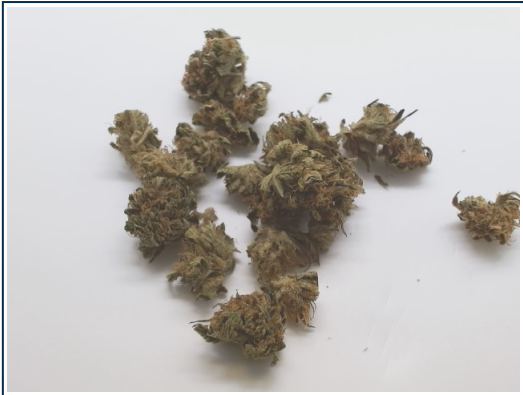


261 Mountain View Dr  
Colchester, VT 05446  
License #: TLAB0030  
802-767-7256  
info@onwardanalytics.biz

# Certificate of Analysis

**Client Name:** Full Circle Farm  
**License Number:** CLVT0250

**Sample ID:** VT14656  
**Sample Name:** AK-47  
**Sample Lot:** CLTV0250-3-1AK24  
**Sample Matrix:** Flower  
**Date Received:** 10/29/2024  
**Date Reported:** 11/6/2024  
**Date Tested:** 10/30/2024



Total Cannabinoids		
	%	mg/g
Total THC:	20.374	203.740
Total CBD:	--	--
Total Cannabinoids:	25.025	250.245

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: #46050

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2901	2.901	0.2509	2.509	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	1.5029	15.029	1.2995	12.995	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	23.2315	232.315	20.0882	200.882	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-OA) | Test ID: #46051

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.53	13.00	PASS
Water Activity	0.61	0.65	

*Callie Chapman*

Callie Chapman  
Lab Director  
11/6/2024

Rev. 1 Initial Release

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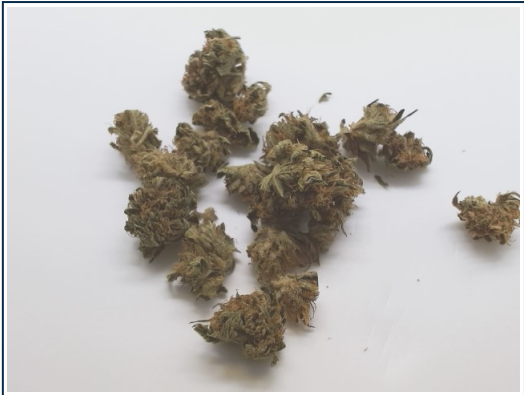
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**Sample Name:** AK-47  
**Sample Lot:** CLTV0250-3-1AK24  
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**Total Terpenes (%) : 2.3882**

## Dominant Terpenes (%)

alpha-Terpinolene	0.8098
beta-caryophyllene	0.3953
Myrcene	0.3915
Limonene	0.2688
alpha-Humulene	0.1621

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #46007

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	0.0206	0.206	0.000002	0.001
alpha-Bisabolol	0.0038	0.038	0.000003	0.001
alpha-Humulene	0.1621	1.621	0.000002	0.001
alpha-Pinene	0.0479	0.479	0.000001	0.001
alpha-Terpinene	0.0139	0.139	0.000001	0.001
alpha-Terpinolene	0.8098	8.098	0.000004	0.001
beta-caryophyllene	0.3953	3.953	0.000004	0.001
beta-Pinene	0.0815	0.815	0.000002	0.001
Camphene	< LOQ	< LOQ	0.000001	0.001
Caryophyllene Oxide	0.0132	0.132	0.000011	0.001
Eucalyptol	0.0081	0.081	0.000002	0.001
gamma-Terpinene	0.005	0.05	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.2688	2.688	0.000002	0.001
Linalool	0.0393	0.393	0.000003	0.001
Nerolidol	0.0518	0.518	0.000007	0.001
Myrcene	0.3915	3.915	0.000003	0.001
Ocimene	0.0756	0.756	0.000002	0.001
<b>Total Terpenes</b>	<b>2.3882</b>	<b>23.882</b>		

*Callie Chapman*

Callie Chapman  
Lab Director  
11/6/2024

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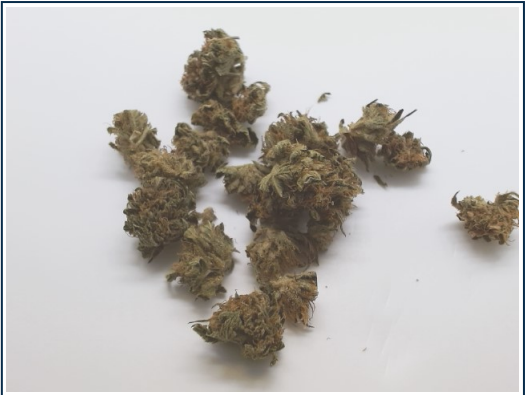


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**Sample Lot:** CLTV0250-3-1AK24  
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**Date Reported:** 11/6/2024  
**Date Tested:** 10/29/2024




Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #46008

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  
11/6/2024

Rev. 1

Initial Release

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Certificate of Analysis

**Client Name:** Full Circle Farm  
**License Number:** CLVT0250

**Sample ID:** VT14663  
**Sample Name:** HL: RH, GED, AK47, PR & VG  
**Sample Lot:** CLTV0250-3-1  
**Sample Matrix:** Flower  
**Date Received:** 10/29/2024  
**Date Reported:** 11/6/2024  
**Date Tested:** 11/4/2024



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #46140

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022	0.00072
				0.00498 *	0.00015 *

\* Pyrethrins action limit represents sum of isomers I & II

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