

# **Certificate of Analysis**

Client Name: Clover Hill Cannabis
License Number: TLAB0002

	Sample ID: VT625
	Sample Name: Old Growth OG
	Sample Lot: SCLT0009-002-001
	Sample Matrix: Flower
	Date Received: 1/27/2023
	Date Reported: 2/2/2023



Pathogens		PASS
Microbiological screening utilizi	ng qPCR (SOP-204-VT)   Test ID: #1142	
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

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Callie Chapman Lab Director 2/2/2023







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	Date Received: 1/27/2023
	Date Reported: 2/21/2023



Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-VT) - Limit units: ppm | Test ID: #1140

Pass

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.100	0.00072	0.00240
Abamectin B1b	Pass	ND	0.100	0.00003	0.00010
Acephate	Pass	ND	0.100	0.00060	0.00200
Acequinocyl	Pass	ND	0.100	0.00303	0.01010
Azoxystrobin	Pass	ND	0.100	0.00030	0.00100
Bifenazate	Pass	ND	0.100	0.00030	0.00100
Bifenthrin	Pass	ND	3.000	0.00030	0.00100
Carbaryl	Pass	ND	0.500	0.00030	0.00100
Chlorpyrifos	Pass	ND	0.040	0.00030	0.00100
Cypermethrin	Pass	ND	1.000	0.00150	0.00500
Etoxazole	Pass	ND	0.100	0.00030	0.00100
Imazalil	Pass	ND	0.040	0.00030	0.00100
Imidacloprid	Pass	ND	5.000	0.00060	0.00200
Myclobutanil	Pass	ND	0.100	0.00030	0.00100
Spinosyn A	Pass	ND	0.100	0.00022	0.00072
Spinos yn D	Pass	ND	0.100	0.00060	0.00200
Pyrethrins	Pass	ND	0.500	0.00022 0.00498 *	0.00072 0.00015 *

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

**Pesticides** 

Callie Chapman Lab Director 2/21/2023







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	Sample ID: VT625
	Sample Name: Old Growth OG
	Sample Lot: SCLT0009-002-001
	Sample Matrix: Flower
	Date Received: 1/27/2023
	Date Reported: 2/17/2023



### **Terpenes**

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-VT) | Test ID: #1141

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	0.2068	2.068	0.004	0.013
Camphene	< LOQ	< LOQ	0.003	0.009
β-Pinene	0.1371	1.371	0.004	0.013
Myrcene	0.5571	5.571	0.004	0.014
3-Carene	ND	ND	0.003	0.009
a-Terpinene	ND	ND	0.004	0.025
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	0.3084	3.084	0.004	0.012
Cineole	ND	ND	0.003	0.009
Ocimene	0.3398	3.398	0.004	0.012
gamma-Terpinene	ND	ND	0.005	0.015
a-Terpinolene	ND	ND	0.005	0.014
Linalool	0.2109	2.109	0.005	0.014
Isopulegol	ND	ND	0.004	0.012
Geraniol	ND	ND	0.011	0.034
trans-Caryophyllene	0.2476	2.476	0.004	0.013
a-Humulene	0.0885	0.885	0.003	0.009
Nerolidol	< LOQ	< LOQ	0.011	0.034
Caryophyllene Oxide	ND	ND	0.006	0.017
Guaiol	ND	ND	0.003	0.009
α-Bisabolol	0.0259	0.259	0.005	0.014
Total Terpenes	2.1221	21.221		

Callie Chapman Lab Director 2/17/2023







## **Certificate of Analysis**

2	Client Name: Clover Hill Cannabis
	License Number: TLAB0002



#### Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-VT) | Test ID: #1138

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.7894	7.894	0.7217	7.217	0.0001	0.0040
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBCVA	ND	ND	ND	ND	0.0004	0.0040
D9 THC	< LOQ	< LOQ	< LOQ	< LOQ	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	20.1975	201.975	18,4666	184.666	0.0002	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Total Cannabinoids					
	%	mg/g			
Total THC:	16.195	161.952			
Total Cannabinoids:	19.188	191.883			

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

Moisture & Water Activity		PASS	
/ater Activity and Moisture Content Analysis (SOP-202-VT)   Test ID: #1139			
Analyte	Result (%)	Limit	Pass/Fail
Moisture Water Activity	8.57 0.26	13.00 0.65	PASS PASS

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