

Certificate of Analysis

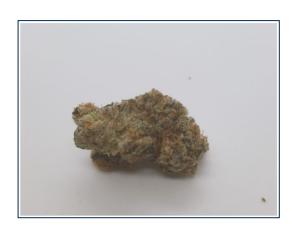
Client Name: Clover Hill Cannabis

License Number: SCLT0009

Sample ID: VT5065

Sample Name: Grimm Glue Sample Lot: HL-SCLT0009-5-1 Sample Matrix: Flower **Date Received: 11/15/2023**

Date Reported: 11/21/2023 Date Tested: 11/16/2023

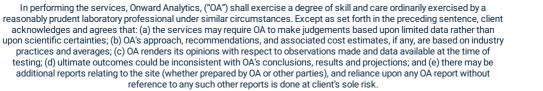


PASS Pathogens

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #14046

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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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







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Total Cannabinoids				
	%	mg/g		
Total THC:	22.514	225.137		
Total CBD:				
Total Cannabinoids:	26.602	266.023		

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

Potency

 $Standard\ potency\ analysis\ utilizing\ High\ Performance\ Liquid\ Chromatography\ (HPLC;\ SOP-024-0A)\ |\ Test\ ID:\ \#14042$

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.9742	9.742	0.8733	8.733	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	0.3081	3.081	0.2761	2.761	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	25.32	253.2	22.6968	226.968	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

40

PASS

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test ID: #14043

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.36	13.00	PASS
Water Activity	0.45	0.65	

Collif Gen





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Date Tested: 11/20/2023

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Sample Name: Grimm Glue Sample Lot: HL-SCLT0009-5-1 Sample Matrix: Flower **Date Received: 11/15/2023 Date Reported: 11/22/2023**





Total Terpenes (%): 1.8478

Dominant Terpenes (%)		
Myrcene	0.5224	
Limonene	0.502	
beta-caryophyllene	0.3878	
alpha-Humulene	0.1402	
Linalool	0.113	

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #14045

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	
alpha-Bisabolol	0.0156	0.156	0.000003	0.002	
alpha-Humulene	0.1402	1.402	0.000002	0.002	
alpha-Pinene	0.0345	0.345	0.000001	0.002	
alpha-Terpinene	ND	ND	0.000001	0.002	
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.002	
beta-caryophyllene	0.3878	3.878	0.000004	0.002	
beta-Pinene	0.0742	0.742	0.000002	0.002	
Camphene	0.0112	0.112	0.000001	0.002	
Caryophyllene Oxide	0.0132	0.132	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	0.00005	0.002	
Isopropyl Toluene	ND	ND	0.00003	0.002	
Limonene	0.502	5.02	0.000002	0.002	
Linalool	0.113	1.13	0.00003	0.002	
Nerolidol	0.0337	0.337	0.000007	0.002	
Myrcene	0.5224	5.224	0.00003	0.002	
Ocimene	ND	ND	0.000002	0.002	
Total Terpenes	1.8478	18.478			



