



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

Certificate of Analysis

Client Name: Ammanana Growers
License Number: SCLT0172

Sample ID: VT5797
Sample Name: Sour Kush
Sample Lot: SCLT0172-007
Sample Matrix: Flower
Date Received: 12/12/2023
Date Reported: 12/20/2023
Date Tested: 12/14/2023



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #16576

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
 12/20/2023

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Sample Matrix: Flower
Date Received: 12/12/2023
Date Reported: 12/20/2023
Date Tested: 12/18/2023



Total Cannabinoids		
	%	mg/g
Total THC:	27.270	272.696
Total CBD:	0.220	2.201
Total Cannabinoids:	31.684	316.836

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: #16573

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2626	2.626	0.2362	2.362	0.0002	0.0040
CBD	0.2201	2.201	0.1979	1.979	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	0.2218	2.218	0.1994	1.994	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	0.8207	8.207	0.738	7.38	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	30.1584	301.584	27.1184	271.184	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: #16574

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.08	13.00	
Water Activity	0.42	0.65	PASS

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Sample ID: VT5797
Sample Name: Sour Kush
Sample Lot: SCLT0172-007
Sample Matrix: Flower
Date Received: 12/12/2023
Date Reported: 12/20/2023
Date Tested: 12/18/2023



Total Terpenes (%) : 4.4762

Dominant Terpenes (%)	
Myrcene	1.3363
Limonene	1.0551
beta-caryophyllene	0.7097
Linalool	0.5332
alpha-Humulene	0.2132

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #16575

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	ND	ND	0.000003	0.002
alpha-Humulene	0.2132	2.132	0.000002	0.002
alpha-Pinene	0.075	0.75	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	0.0154	0.154	0.000004	0.002
beta-caryophyllene	0.7097	7.097	0.000004	0.002
beta-Pinene	0.1438	1.438	0.000002	0.002
Camphene	0.0369	0.369	0.000001	0.002
Caryophyllene Oxide	0.0485	0.485	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	0.2036	2.036	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	1.0551	10.551	0.000002	0.002
Linalool	0.5332	5.332	0.000003	0.002
Nerolidol	0.1055	1.055	0.000007	0.002
Myrcene	1.3363	13.363	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
Total Terpenes	4.4762	44.762		

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Sample ID: VT5798
Sample Name: HL: SC, SH, SK
Sample Lot: SCLT0172-007
Sample Matrix: Flower
Date Received: 12/12/2023
Date Reported: 12/20/2023
Date Tested: 12/19/2023



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #16577

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

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