



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: VT8366
Sample Name: Sour Kush
Sample Lot: SCLT0172-007
Sample Matrix: Flower
Date Received: 3/15/2024
Date Reported: 3/22/2024
Date Tested: 3/15/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #24796

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
 3/22/2024

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Date Received: 3/15/2024
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Date Tested: 3/21/2024



Total Cannabinoids		
	%	mg/g
Total THC:	28.949	289.492
Total CBD:	0.229	2.285
Total Cannabinoids:	33.650	336.496

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: #24793

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2879	2.879	0.258	2.58	0.0002	0.0040
CBD	0.2285	2.285	0.2048	2.048	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	0.2533	2.533	0.2271	2.271	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	0.9227	9.227	0.8271	8.271	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	31.9572	319.572	28.6464	286.464	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: #24794

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.36	13.00	
Water Activity	0.44	0.65	PASS

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License Number: SCLT0172

Sample ID: VT8366
Sample Name: Sour Kush
Sample Lot: SCLT0172-007
Sample Matrix: Flower
Date Received: 3/15/2024
Date Reported: 3/22/2024
Date Tested: 3/21/2024



Total Terpenes (%) : 3.4535

Dominant Terpenes (%)	
Myrcene	1.1139
Limonene	0.7941
beta-caryophyllene	0.4847
Linalool	0.3996
alpha-Humulene	0.1421

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #24795

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	0.1421	1.421	0.000002	0.002
alpha-Pinene	0.0619	0.619	0.000001	0.002
alpha-Terpinene	< LOQ	< LOQ	0.000001	0.002
alpha-Terpinolene	0.012	0.12	0.000004	0.002
beta-caryophyllene	0.4847	4.847	0.000004	0.002
beta-Pinene	0.1277	1.277	0.000002	0.002
Camphene	0.0306	0.306	0.000001	0.002
Caryophyllene Oxide	0.0326	0.326	0.000011	0.002
Eucalyptol	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	0.0474	0.474	0.000008	0.002
Guaiol	0.1286	1.286	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.7941	7.941	0.000002	0.002
Linalool	0.3996	3.996	0.000003	0.002
Nerolidol	0.0629	0.629	0.000007	0.002
Myrcene	1.1139	11.139	0.000003	0.002
Ocimene	0.0154	0.154	0.000002	0.002
Total Terpenes	3.4535	34.535		

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Certificate of Analysis

Client Name: Ammanana Growers
License Number: SCLT0172

Sample ID: VT8369
Sample Name: HL: SK, SH, SC
Sample Lot: SCLT0172-007
Sample Matrix: Flower
Date Received: 3/15/2024
Date Reported: 3/22/2024
Date Tested: 3/18/2024



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #24805

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
Etoazole	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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