

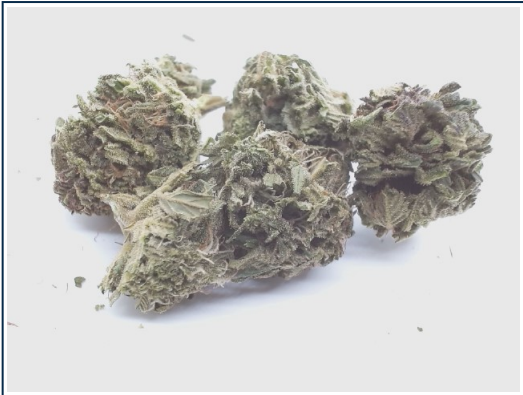


261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
 info@onwardanalytics.biz

Certificate of Analysis

Client Name: Highly Rooted
License Number: MANU0020, SCLT0100

Sample ID: VT5516
Sample Name: Afghani
Sample Lot: SCLT0100-002-002
Sample Matrix: Flower
Date Received: 12/4/2023
Date Reported: 12/11/2023
Date Tested: 12/6/2023



Total Cannabinoids		
	%	mg/g
Total THC:	18.365	183.645
Total CBD:	--	--
Total Cannabinoids:	21.980	219.797

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: #15762

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.4306	4.306	0.3917	3.917	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	0.6538	6.538	0.5948	5.948	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	0.3199	3.199	0.2911	2.911	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	20.5754	205.754	18.7174	187.174	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: #15768

Analyte	Result (%)	Limit	Pass/Fail
Moisture	9.03	13.00	
Water Activity	0.33	0.65	PASS

Callie Chapman
 Lab Director
 12/11/2023

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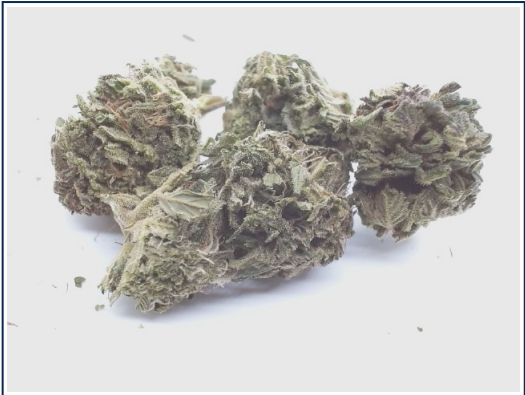


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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #15770

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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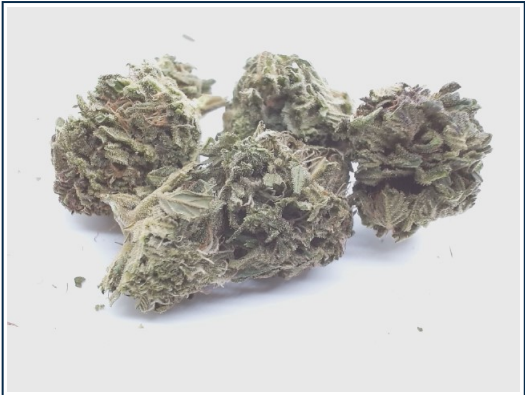


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Total Terpenes (%) : 2.8811

Dominant Terpenes (%)	
Myrcene	1.1649
beta-caryophyllene	0.6066
alpha-Pinene	0.3048
alpha-Humulene	0.2158
beta-Pinene	0.1576

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #15769

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.1028	1.028	0.000003	0.002
alpha-Humulene	0.2158	2.158	0.000002	0.002
alpha-Pinene	0.3048	3.048	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	ND	ND	0.000004	0.002
beta-caryophyllene	0.6066	6.066	0.000004	0.002
beta-Pinene	0.1576	1.576	0.000002	0.002
Camphene	0.0152	0.152	0.000001	0.002
Caryophyllene Oxide	0.0385	0.385	0.000011	0.002
Cineole	0.0087	0.087	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	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.0736	0.736	0.000002	0.002
Linalool	0.0642	0.642	0.000003	0.002
Nerolidol	0.0563	0.563	0.000007	0.002
Myrcene	1.1649	11.649	0.000003	0.002
Ocimene	0.0721	0.721	0.000002	0.002
Total Terpenes	2.8811	28.811		

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