



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

Certificate of Analysis

Client Name: Pine Rock LLC
License Number: SCLT0256

Sample ID: VT6671
Sample Name: Cream and Sugar
Sample Lot: PL0256-2
Sample Matrix: Flower
Date Received: 1/16/2024
Date Reported: 1/23/2024
Date Tested: 1/17/2024



Total Cannabinoids		
	%	mg/g
Total THC:	25.333	253.334
Total CBD:	--	--
Total Cannabinoids:	30.413	304.133

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: #19492

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2099	2.099	0.1908	1.908	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	1.3998	13.998	1.2724	12.724	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	0.5903	5.903	0.5366	5.366	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	28.2133	282.133	25.6459	256.459	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: #19493

Analyte	Result (%)	Limit	Pass/Fail
Moisture	9.10	13.00	
Water Activity	0.35	0.65	PASS

Callie Chapman
 Lab Director
 1/23/2024

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Total Terpenes (%) : 1.4729

Dominant Terpenes (%)	
Myrcene	0.4342
Limonene	0.4326
beta-caryophyllene	0.2712
Linalool	0.1447
beta-Pinene	0.0693

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #19509

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.0333	0.333	0.000003	0.002
alpha-Humulene	0.0561	0.561	0.000002	0.002
alpha-Pinene	0.0315	0.315	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	ND	ND	0.000004	0.002
beta-caryophyllene	0.2712	2.712	0.000004	0.002
beta-Pinene	0.0693	0.693	0.000002	0.002
Camphene	ND	ND	0.000001	0.002
Caryophyllene Oxide	ND	ND	0.000011	0.002
Eucalyptol	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	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.4326	4.326	0.000002	0.002
Linalool	0.1447	1.447	0.000003	0.002
Nerolidol	< LOQ	< LOQ	0.000007	0.002
Myrcene	0.4342	4.342	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
Total Terpenes	1.4729	14.729		

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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #19494

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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