

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

Date Tested: 1/17/2024

Sample ID: VT6669

Sample Name: Pure Michigan
Sample Lot: PL0256-2
Sample Matrix: Flower
Date Received: 1/16/2024
Date Reported: 1/23/2024



Total Cannabinoids				
	%	mg/g		
Total THC:	21.870	218.698		
Total CBD:				
Total Cannabinoids:	25.486	254.862		

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: #19486

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2602	2.602	0.235	2.35	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	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	0.3629	3.629	0.3276	3.276	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	0.5272	5.272	0.476	4.76	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	24.3359	243.359	21.9729	219.729	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

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test ID: #19487

Analyte	Result (%)	Limit	Pass/Fail
Moisture	9.71	13.00	PASS
Water Activity	0.39	0.65	

PASS

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reference to any such other reports is done at client's sole risk.



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Total Terpenes (%): 2.388

Dominant Terpenes (%)			
Limonene	0.8976		
Myrcene	0.4641		
beta-caryophyllene	0.3403		
Ocimene	0.1914		
beta-Pinene	0.1605		

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #19507

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	
alpha-Bisabolol	0.0541	0.541	0.00003	0.002	
alpha-Humulene	0.0616	0.616	0.000002	0.002	
alpha-Pinene	0.1057	1.057	0.000001	0.002	
alpha-Terpinene	ND	ND	0.000001	0.002	
alpha-Terpinolene	ND	ND	0.000004	0.002	
beta-caryophyllene	0.3403	3.403	0.000004	0.002	
beta-Pinene	0.1605	1.605	0.000002	0.002	
Camphene	0.012	0.12	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	
Ğeraniol .	ND	ND	0.000008	0.002	
Guaiol	ND	ND	0.00007	0.002	
Isopulegol	ND	ND	0.000005	0.002	
Isopropyl Toluene	ND	ND	0.00003	0.002	
Limonene	0.8976	8.976	0.000002	0.002	
Linalool	0.0852	0.852	0.00003	0.002	
Nerolidol	0.0155	0.155	0.00007	0.002	
Myrcene	0.4641	4.641	0.00003	0.002	
Ocimene	0.1914	1.914	0.000002	0.002	
Total Terpenes	2.388	23.88			





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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #19488

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	





