

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



Client Name: Atlas Cultivars License Number: SCLT0364 Sample ID: VT11954 Sample Name: Bubble Hash Blend Sample Lot: manu0088-0140 Sample Matrix: Mechanical Extraction Concentrates

Date Received: 7/30/2024
Date Reported: 8/6/2024

Date Tested: 7/31/2024



Pathogens		PASS	
Microbiological screening utilizi	ng qPCR (SOP-204-OA)   Test ID: #36223		
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 8/6/2024 In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.





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Client Name: Atlas Cultivars License Number: SCLT0364

	Sample	ID:	VT11039
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Sample Name: Bubble Hash Blend Sample Lot: 30224 Sample Matrix: Mechanical Extraction Concentrates Date Received: 6/26/2024 Date Reported: 7/1/2024 Date Tested: 6/27/2024



Total Cannabinoids				
	%	mg/g		
Total THC:	53.173	531.730		
Total CBD:				
Total Cannabinoids:	64.981	649.808		

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: #33485

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	0.7344	7.344	0.0002	0.0040
CBD	ND	ND	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	2.2673	22.673	0.0001	0.0040
CBN	ND	ND	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	0.0012	0.0040
D9 THC	0.8821	8.821	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	59.6248	596.248	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	1.4722	14.722	0.0002	0.0040

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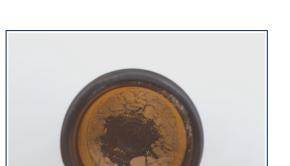
License Number: SCLT0364

#### Sample ID: VT11039

Sample Name: Bubble Hash Blend Sample Lot: 30224 Sample Matrix: Mechanical Extraction Concentrates Date Received: 6/26/2024 Date Reported: 7/1/2024 Date Tested: 6/27/2024

# Total Terpenes (%): 3.4009

Dominant Terpenes (%)			
beta-caryophyllene	1.1209		
Limonene	0.5907		
alpha-Humulene	0.4696		
Myrcene	0.2951		
alpha-Bisabolol	0.1917		



## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #33486

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.1917	1.917	0.000003	0.002
alpha-Humulene	0.4696	4.696	0.000002	0.002
alpha-Pinene	0.0856	0.856	0.000001	0.002
alpha-Terpinene	< LOQ	< LOQ	0.000001	0.002
alpha-Terpinolene	0.1031	1.031	0.000004	0.002
beta-caryophyllene	1.1209	11.209	0.000004	0.002
beta-Pinene	0.1413	1.413	0.000002	0.002
Camphene	< LOQ	< LOQ	0.000001	0.002
Caryophyllene Oxide	0.0627	0.627	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	0.0837	0.837	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.5907	5.907	0.000002	0.002
Linalool	0.0981	0.981	0.000003	0.002
Nerolidol	0.0811	0.811	0.000007	0.002
Myrcene	0.2951	2.951	0.000003	0.002
Ocimene	0.0773	0.773	0.000002	0.002
Total Terpenes	3.4009	34.009		

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# **Certificate of Analysis**