



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

Certificate of Analysis

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 utilizing 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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Certificate of Analysis

Client Name: Atlas Cultivars
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 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-OA) | 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

Callie Chapman
 Lab Director
 7/1/2024

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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-OA) | 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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 Lab Director
 7/1/2024

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