

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

Certificate of Analysis

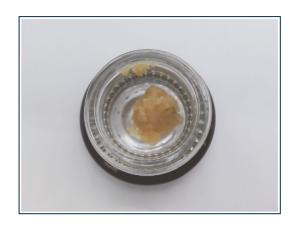
Client Name: Atlas Cultivars License Number: SCLT0364

Sample ID: VT11791

Sample Name: Runtz Blend Sample Lot: MANU0088-014b

Sample Matrix: Mechanical Extraction Concentrates

Date Received: 7/24/2024 Date Reported: 7/31/2024 Date Tested: 7/25/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #35709

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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Certificate of Analysis

Client Name: Atlas Cultivars License Number: SCLT0364

Sample ID: VT11037

Sample Name: Runtz 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:	63.631	636.309	
Total CBD:			
Total Cannabinoids:	76.878	768.783	

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: #33481

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	0.5444	5.444	0.0002	0.0040
CBD	< LOQ	< LOQ	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	1.6194	16.194	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	0.8894	8.894	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	71.5411	715.411	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	2.284	22.84	0.0002	0.0040







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Sample Matrix: Mechanical Extraction Concentrates

Date Received: 6/26/2024 Date Reported: 7/1/2024 Date Tested: 6/27/2024



Total Terpenes (%): 4.7216

Dominant Terpenes (%)		
Limonene	1.2301	
beta-caryophyllene	1.0648	
alpha-Humulene	0.5075	
Myrcene	0.4971	
alpha-Pinene	0.3304	

Terpenes

Standard terpene analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #33482

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	
alpha-Bisabolol	0.1811	1.811	0.000003	0.002	
alpha-Humulene	0.5075	5.075	0.000002	0.002	
alpha-Pinene	0.3304	3.304	0.000001	0.002	
alpha-Terpinene	ND	ND	0.000001	0.002	
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.002	
beta-caryophyllene	1.0648	10.648	0.000004	0.002	
beta-Pinene	0.3212	3.212	0.000002	0.002	
Camphene	0.0365	0.365	0.000001	0.002	
Caryophyllene Oxide	0.0534	0.534	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	0.0501	0.501	0.000007	0.002	
Isopulegol	ND	ND	0.000005	0.002	
Isopropyl Toluene	ND	ND	0.000003	0.002	
Limonene	1.2301	12.301	0.000002	0.002	
Linalool	0.196	1.96	0.000003	0.002	
Nerolidol	0.1007	1.007	0.000007	0.002	
Myrcene	0.4971	4.971	0.00003	0.002	
Ocimene	0.1527	1.527	0.000002	0.002	
Total Terpenes	4.7216	47.216			



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