



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:** VT11789  
**Sample Name:** Kush Cake Blend  
**Sample Lot:** MANU0088-014c  
**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-OA) | Test ID: #35707

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  
 7/31/2024

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# Certificate of Analysis

**Client Name:** Atlas Cultivars  
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**Sample ID:** VT11038  
**Sample Name:** Kushcake 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 (%) : 4.2999

Dominant Terpenes (%)	
beta-caryophyllene	1.1878
Limonene	1.0489
alpha-Humulene	0.5026
Myrcene	0.3908
Linalool	0.3256

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #33484

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.1027	1.027	0.000003	0.002
alpha-Humulene	0.5026	5.026	0.000002	0.002
alpha-Pinene	0.1323	1.323	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.002
beta-caryophyllene	1.1878	11.878	0.000004	0.002
beta-Pinene	0.2334	2.334	0.000002	0.002
Camphene	0.0291	0.291	0.000001	0.002
Caryophyllene Oxide	0.0537	0.537	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	0.135	1.35	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	1.0489	10.489	0.000002	0.002
Linalool	0.3256	3.256	0.000003	0.002
Nerolidol	0.0752	0.752	0.000007	0.002
Myrcene	0.3908	3.908	0.000003	0.002
Ocimene	0.0828	0.828	0.000002	0.002
<b>Total Terpenes</b>	<b>4.2999</b>	<b>42.999</b>		

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 7/1/2024

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Total Cannabinoids		
	%	mg/g
<b>Total THC:</b>	<b>58.282</b>	<b>582.821</b>
<b>Total CBD:</b>	<b>--</b>	<b>--</b>
<b>Total Cannabinoids:</b>	<b>73.647</b>	<b>736.473</b>

**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: #33483

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	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	2.2625	22.625	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	0.9958	9.958	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	65.3207	653.207	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	5.0683	50.683	0.0002	0.0040

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