

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: VT11790

Sample Name: Lilac Diesel Blend Sample Lot: MANU0088-014a

Sample Matrix: Mechanical Extraction Concentrates

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

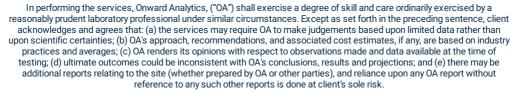


**Pathogens PASS** 

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #35708

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: VT11036

Sample Name: Lilac Diesel 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:	64.666	646.664	
Total CBD:			
Total Cannabinoids:	78.007	780.074	

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: #33479

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	0.5696	5.696	0.0002	0.0040
CBD	ND	ND	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	3.008	30.08	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	0.7995	7.995	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	72.8243	728.243	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	0.806	8.06	0.0002	0.0040







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Sample ID: VT11036

Sample Name: Lilac Diesel 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 (%): 4.9347**

Dominant Terpenes (%)		
beta-caryophyllene	1.3755	
Limonene	1.1711	
alpha-Humulene	0.6367	
Myrcene	0.4329	
beta-Pinene	0.2929	

#### Terpenes

Standard terpene analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #33480

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	
alpha-Bisabolol	0.1844	1.844	0.000003	0.002	
alpha-Humulene	0.6367	6.367	0.000002	0.002	
alpha-Pinene	0.2582	2.582	0.000001	0.002	
alpha-Terpinene	< LOQ	< LOQ	0.000001	0.002	
alpha-Terpinolene	0.1558	1.558	0.000004	0.002	
beta-caryophyllene	1.3755	13.755	0.000004	0.002	
beta-Pinene	0.2929	2.929	0.000002	0.002	
Camphene	0.0294	0.294	0.000001	0.002	
Caryophyllene Oxide	0.0654	0.654	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	< LOQ	< LOQ	0.000007	0.002	
Isopulegol	ND	ND	0.000005	0.002	
Isopropyl Toluene	ND	ND	0.00003	0.002	
Limonene	1.1711	11.711	0.000002	0.002	
Linalool	0.1343	1.343	0.00003	0.002	
Nerolidol	0.0761	0.761	0.000007	0.002	
Myrcene	0.4329	4.329	0.000003	0.002	
Ocimene	0.122	1.22	0.000002	0.002	
Total Terpenes	4.9347	49.347			

