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Colchester, VT 05446  
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# Certificate of Analysis

**Client Name:** Atlas Cultivars  
**License Number:** SCLT0364

**Sample ID:** VT19903  
**Sample Name:** Project 4516  
**Sample Lot:** 31325  
**Sample Matrix:** Flower  
**Date Received:** 4/4/2025  
**Date Reported:** 4/11/2025  
**Date Tested:** 4/8/2025



## Total Cannabinoids

	%	mg/g
<b>Total THC:</b>	<b>21.437</b>	<b>214.372</b>
<b>Total CBD:</b>	<b>--</b>	<b>--</b>
<b>Total Cannabinoids:</b>	<b>24.810</b>	<b>248.104</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: #64972

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	ND	ND	ND	ND	0.0009	0.0040
CBGA	0.4593	4.593	0.417	4.17	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.6611	6.611	0.6002	6.002	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	23.69	236.9	21.5058	215.058	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

## Moisture & Water Activity

**PASS**

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #64973

Analyte	Result (%)	Limit	Pass/Fail
Moisture	9.22	13.00	PASS
Water Activity	0.34	0.65	

*Callie Chapman*

Callie Chapman  
Lab Director  
4/11/2025

Rev. 1 Initial Release

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