



Certificate ID: **116169**
 Client Sample ID: **1200 - 2400**
 Lot Number: **03923003**

Received: **6/1/23**

Scan QR Code
for authenticity



Champlain Valley Organics
1916 Smith Street
Shoreham, VT 05770

Matrix: **Tincture/Infused Oil-MCT Oil**

Authorization:

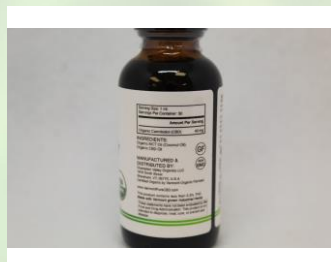
Andrew Aubin, Lab Director

Signature:



Date:

6/6/2023



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: *SD*

Test Date: *6/3/2023*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

116169-CN

ID	Weight %	Concentration (mg/mL)		
Δ9-THC	0.124	1.14		
THCV	ND	ND		
CBD	4.64	42.8		
CBDV	0.0388	0.358		
CBG	0.0655	0.604		
CBC	0.142	1.31		
CBN	0.0120	0.111		
THCA	ND	ND		
CBDA	0.0193	0.178		
CBGA	ND	ND		
CBDVA	ND	ND		
Δ8-THC	ND	ND		
exo-THC	ND	ND		
Total	5.04	46.5	0%	Cannabinoids (wt%) 4.64%
Max THC	0.124	1.14		Limit of Quantitation (LOQ) = 0.0114 wt%
Max CBD	4.66	43.0		Limit of Detection (LOD) = 0.00380 wt%

Ratio of Total CBD to THC **37.6:1**

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: $\text{MAX THC} = (0.877 \times \text{THCA}) + \text{THC}$. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND=None detected above the limits of detection (LOD), which is one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

END OF REPORT