




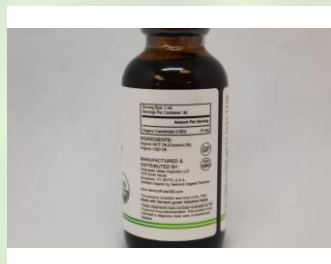
Certificate ID: **116167**  
 Received: **6/1/23**  
 Client Sample ID: **100 - 300**  
 Lot Number: **03023111**  
 Matrix: **Tincture/Infused Oil-MCT Oil**

Scan QR Code  
for authenticity



**Champlain Valley Organics**  
**1916 Smith Street**  
**Shoreham, VT 05770**

Authorization:	Signature:	Date:
Andrew Aubin, Lab Director		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.

### 116167-CN

ID	Weight %	Concentration (mg/mL)		
<b>Δ9-THC</b>	<b>0.0341</b>	<b>0.316</b>		
THCV	ND	ND		
CBD	1.21	11.2		
CBDV	ND	ND		
CBG	0.0177	0.164		
CBC	0.0370	0.343		
CBN	<LOQ	<LOQ		
THCA	ND	ND		
CBDA	<LOQ	<LOQ		
CBGA	ND	ND		
CBDVA	ND	ND		
<b>Δ8-THC</b>	<b>ND</b>	<b>ND</b>		
<b>exo-THC</b>	<b>ND</b>	<b>ND</b>		
Total	1.30	12.0	0%	Cannabinoids (wt%) 1.21%
Max THC	0.0341	0.316		Limit of Quantitation (LOQ) = 0.0113 wt%
Max CBD	1.21	11.2		Limit of Detection (LOD) = 0.00378 wt%

### Ratio of Total CBD to THC 35.5:1

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: MAX THC = (0.877 x THCA) + 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