



Certificate ID: **129502**

Received: **12/9/24**

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**Champlain Valley Organics**

Client Sample ID: **50mg - Lip Balm**

**1916 Smith Street**

Lot Number: **50mg - Lip Balm**

**Shoreham, VT 05770**

Matrix: **Personal Care-Chapstick**



Authorization: <b>Andrew Aubin, Lab Director</b>	Signature: 	Date: <b>12/12/2024</b>
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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: 12/11/2024*

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.

**129502-CN**

ID	Weight %	Concentration (mg/tube)		
<b>Δ9-THC</b>	<b>0.0459</b>	<b>2.07</b>		
THCV	ND	ND		
CBD	1.46	65.7		
CBDV	ND	ND		
CBG	0.0176	0.792		
CBC	ND	ND		
CBN	ND	ND		
THCA	ND	ND		
CBDA	ND	ND		
CBGA	ND	ND		
CBDVA	ND	ND		
Δ8-THC	ND	ND		
exo-THC	ND	ND		
<b>Total</b>	<b>1.52</b>	<b>68.6</b>	<b>0%</b>	<b>Cannabinoids (wt%) 1.46%</b>
<b>Total THC</b>	<b>0.0459</b>	<b>2.07</b>		<b>Limit of Quantitation (LOQ) = 0.00995 wt%</b>
<b>Total CBD</b>	<b>1.46</b>	<b>65.7</b>		<b>Limit of Detection (LOD) = 0.00332 wt%</b>

**Ratio of Total CBD to THC 31.8:1**

Total THC (and Total 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: Total 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**