



Certificate ID: **112251**

Received: **12/22/22**

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**Sunset Lake Enterprises**

Client Sample ID: **Pet Tincture**

**25 Brewer Parkway**

Lot Number: **50\_2022\_00000526\_PT**

**South Burlington, VT 05403-7326**

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



Authorization: Andrew Aubin, Lab Director	Signature: 	Date: 12/28/2022
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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: *12/23/2022*

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.

**112251-CN**

ID	Weight %	Concentration (mg/mL)			
<b>Δ9-THC</b>	<b>0.0408</b>	<b>0.384</b>			
THCV	ND	ND			
CBD	0.777	7.31			
CBDV	<LOQ	<LOQ			
CBG	0.0195	0.183			
CBC	0.0418	0.393			
CBN	ND	ND			
THCA	ND	ND			
CBDA	0.387	3.65			
CBGA	0.0112	0.105			
CBDVA	ND	ND			
<b>Δ8-THC</b>	<b>ND</b>	<b>ND</b>			
<b>exo-THC</b>	<b>ND</b>	<b>ND</b>			
Total	1.28	12.0	0%	Cannabinoids (wt%)	0.777%
Max THC	0.0408	0.384		Limit of Quantitation (LOQ) = 0.0112 wt%	
Max CBD	1.12	10.5		Limit of Detection (LOD) = 0.0037 wt%	

**Ratio of Total CBD to THC 27.4:1**

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**