



Certificate ID: **111860**

Received: **12/8/22**

Scan QR Code for authenticity

**Sunset Lake Enterprises**

Client Sample ID: **Farmer's Roast CBD Coffee**

**25 Brewer Parkway**

Lot Number: **50\_2022\_00000526\_CC1**

**South Burlington, VT 05403-7326**

Matrix: **Edibles-Drink Mix**



Authorization: Chris Hudalla, Chief Science Officer	Signature: <i>Christopher Hudalla</i>	Date: 12/14/2022
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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: AC

Test Date: 12/13/2022

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.

**111860-CN**

ID	Weight %	Concentration (mg/g)			
<b>Δ9-THC</b>	<b>0.0073</b>	<b>0.0730</b>			
THCV	ND	ND			
CBD	0.177	1.77			
CBDV	ND	ND			
CBG	0.0033	0.0330			
CBC	0.0076	0.0760			
CBN	ND	ND			
THCA	ND	ND			
CBDA	0.0291	0.291			
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	0.224	2.24	0%	Cannabinoids (wt%)	0.177%
Max THC	0.0073	0.0730		Limit of Quantitation (LOQ) = 0.0026 wt%	
Max CBD	0.203	2.03		Limit of Detection (LOD) = 0.0008 wt%	

**Ratio of Total CBD to THC 27.7:1**

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:  $MAX\ THC = (0.877 \times THCA) + THC$ . 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**