


Certificate ID: **112954**
 Received: **1/30/23**
 Client Sample ID: **hot chocolate**
 Lot Number: **01**
 Matrix: **Beverages-hot chocolate**

Scan QR Code
for authenticity



Grounded Gardens
5000 Wilshire Boulevard
Crystal, MN 55429

Authorization: Andrew Aubin, Lab Director	Signature: 	Date: 2/6/2023
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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: 2/1/2023

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.

112954-CN

ID	Weight %	Concentration (mg/g)		
Δ^9 -THC	0.0089	0.0890		
THCV	ND	ND		
CBD	0.0114	0.114		
CBDV	ND	ND		
CBG	ND	ND		
CBC	ND	ND		
CBN	ND	ND		
THCA	ND	ND		
CBDA	ND	ND		
CBGA	ND	ND		
CBDVA	ND	ND		
Δ^8 -THC	<LOQ	<LOQ		
exo-THC	ND	ND		
Total	0.0203	0.203	0%	Cannabinoids (wt%) 0.0114%
Max THC	0.0089	0.0890		Limit of Quantitation (LOQ) = 0.0027 wt%
Max CBD	0.0114	0.114		Limit of Detection (LOD) = 0.0009 wt%

Ratio of Total CBD to THC 1.3:1

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