Certificate ID: **120030-514** Received: **11/20/23** 

Client Sample ID: Lemonade, Hemp-Derived THC

Lot Number: K1423-02

Matrix: Beverages-Water



**The Best Dirty Lemonade** 

650 Ponce De Leon Avenue, Suite 300, #1320

Atlanta, GA 30308

Authorization:

Andrew Aubin, Lab Director

Signature:

11/27/2023







# 80585

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

*Test Date: 11/21/2023* 

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.

## 120030-CN

ID	Weight %	Concentration (mg/mL)	
Δ9-ΤΗС	0.0194	0.204	
THCV	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBD	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDV	ND	ND	
CBG	ND	ND	
CBC	ND	ND	
CBN	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
THCA	ND	ND	
CBDA	ND	ND	
CBGA	ND	ND	
CBDVA	ND	ND	
Δ8-ΤΗС	0.00029	0.00305	
exo-THC	ND	ND	
Total	0.0197	0.207	0% Cannabinoids (wt%) 0.0194%
Total THC	0.0194	0.204	Limit of Quantitation (LOQ) = $0.00019$ wt%
Total CBD	<loo< td=""><td><l00< td=""><td>Limit of Detection (LOD) = <math>0.00006</math> wt%</td></l00<></td></loo<>	<l00< td=""><td>Limit of Detection (LOD) = <math>0.00006</math> wt%</td></l00<>	Limit of Detection (LOD) = $0.00006$ wt%

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**