



Certificate ID: **123158**

Received: **3/1/24**

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Field Day Brewing Company

Client Sample ID: **Lemon Ginger**

925 Liberty Way

Lot Number: **LG1515A0-002**

North Liberty, IA 52317

Matrix: **Beverages-Carbonated Water**



Authorization: Chris Hudalla, Chief Science Officer	Signature: <i>Christopher Hudalla</i>	Date: 3/5/2024
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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: *3/4/2024*

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.

123158-CN

ID	Weight %	Concentration (mg/bottle)			
Δ9-THC	0.00381	13.5			
THCV	ND	ND			
CBD	0.00436	15.4			
CBDV	ND	ND			
CBG	ND	ND			
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			
Total	0.00817	28.9	0%	Cannabinoids (wt%)	0.00436%
Total THC	0.00381	13.5		Limit of Quantitation (LOQ) = 0.00020 wt%	
Total CBD	0.00436	15.4		Limit of Detection (LOD) = 0.00007 wt%	

Ratio of Total CBD to THC 1.1:1

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