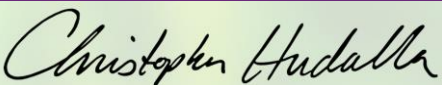


Certificate ID: **108585** Received: **8/24/22**
 Client Sample ID: **Highdration Lemonade Drink Mix**
 Lot Number: **GRM9HYD1**
 Matrix: **Water Soluble - Powders**

Scan QR Code for authenticity



GRAMS INC.
 334 Knight Street, Building #19
 Warwick, RI 02886

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 8/31/2022
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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: 8/30/2022

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.

108585-CN

ID	Weight %	Concentration (mg/packet)			
Δ9-THC	0.116	11.3			
THCV	ND	ND			
CBD	0.586	57.2			
CBDV	ND	ND			
CBG	ND	ND			
CBC	ND	ND			
CBN	<LOQ	<LOQ			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
CBDVA	ND	ND			
Δ8-THC	0.0070	0.683			
exo-THC	ND	ND			
Total	0.709	69.2	0%	Cannabinoids (wt%)	0.586%
Max THC	0.116	11.3		Limit of Quantitation (LOQ) = 0.0025 wt%	
Max CBD	0.586	57.2		Limit of Detection (LOD) = 0.0008 wt%	

Ratio of Total CBD to THC 5.1:1

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 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