



Certificate ID: **86933**
 Client Sample ID: **CBG White**
 Lot Number:
 Matrix: **Flowers/Bud - Dry Flower**

Received: **9/21/20**

Scan QR Code for authenticity



High Hopes Farm, Inc.
19809 E. Grant Highway
Marengo, IL 60152
Attn: Rachel Peck

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 10/2/2020
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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: *JFD*

Test Date: *9/30/2020*

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.

86933-CN

ID	Weight %	Concentration (mg/g)		
D9-THC	0.0198	0.198		
THCV	ND	ND		
CBD	ND	ND		
CBDV	ND	ND		
CBG	ND	ND		
CBC	0.0906	0.906		
CBN	ND	ND		
THCA	0.0793	0.793		
CBDA	ND	ND		
CBGA	12.8	128		
D8-THC	ND	ND		
exo-THC	ND	ND		
Total	13.0	130	0%	Cannabinoids (wt%) 12.8%
Max THC	0.0893	0.893		
Max CBD	ND	ND		

Limit of Quantitation (LOQ) = 0.0067 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 LOQ.

END OF REPORT