



Certificate ID: **86934**      Received: **9/21/20**  
 Client Sample ID: **CBG Stem Cell**  
 Lot Number:  
 Matrix: **Flowers/Bud - Dry Flower**

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.

**86934-CN**

ID	Weight %	Concentration (mg/g)			
D9-THC	0.0219	0.219			
THCV	ND	ND			
CBD	ND	ND			
CBDV	ND	ND			
CBG	ND	ND			
CBC	0.0856	0.856			
CBN	ND	ND			
THCA	0.0900	0.900			
CBDA	ND	ND			
CBGA	12.4	124			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	12.6	126	0%	Cannabinoids (wt%)	12.4%
Max THC	0.101	1.01			
Max CBD	ND	ND			

Limit of Quantitation (LOQ) = 0.0066 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