



Certificate ID: **21681**

Client Sample ID: **CW 177 BOT**

Matrix: **Flowers/Bud - Dry**

Date Received: **9/29/2017**



**Hempton Investment Group Inc**

**1402-1 S College Road**

**WILMINGTON, NC 28403**

**Attn: Justin Hamilton**

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Authorization: Chris Hudalla, Chief Science Officer	Signature: <i>Christopher Hudalla</i>	Date: 10/10/2017
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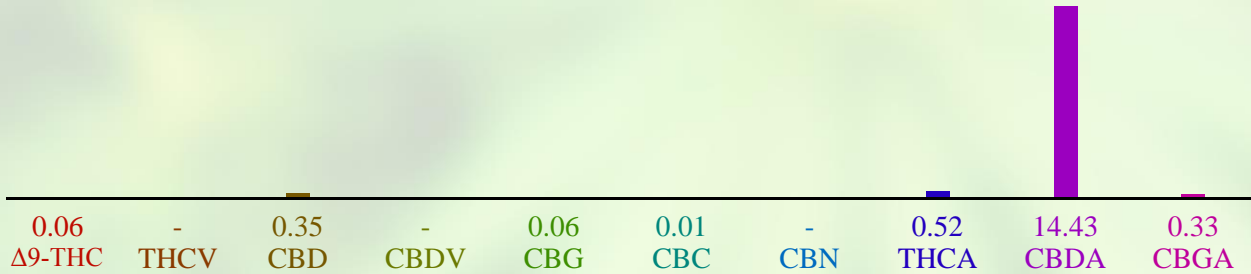
**CN: Cannabinoid Profile & Potency [WI-10-04]**

*Analyst: JDP*

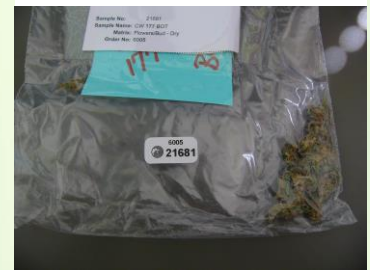
*Test Date: 10/8/2017*

The client sample was analyzed for plant-based cannabinoids by Convergence Chromatography (CC). The collected data was compared to data collected for certified reference standards at known concentrations.

**21681-CN**



ID	Weight %	Conc.
Δ9-THC	0.06 wt %	0.57 mg/g
THCV	-	-
CBD	0.35 wt %	3.52 mg/g
CBDV	-	-
CBG	0.06 wt %	0.61 mg/g
CBC	0.01 wt %	0.12 mg/g
CBN	-	-
THCA	0.52 wt %	5.17 mg/g
CBDA	14.43 wt %	144.29 mg/g
CBGA	0.33 wt %	3.25 mg/g
Total	15.75 wt%	157.54 mg/g
Max THC	0.51 wt%	5.11 mg/g
Max CBD	13.01 wt%	130.06 mg/g



**Ratio of Total CBD to THC 25.5:1**

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:  $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$ .