



Certificate ID: **21679**

Client Sample ID: **CW OD1**

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: 	Date: 10/10/2017
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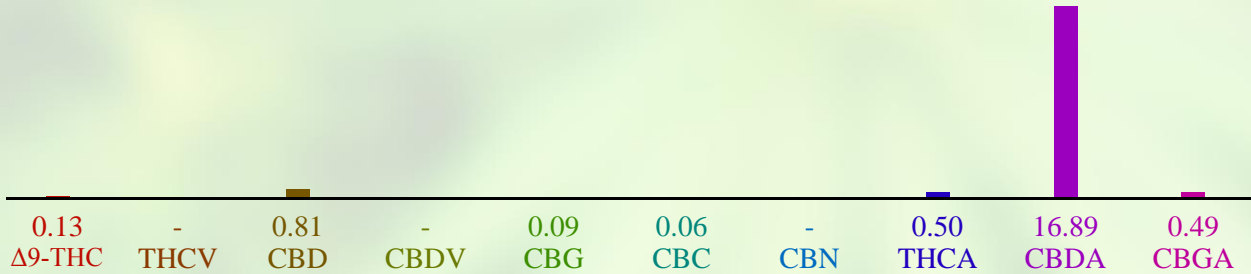
CN: Cannabinoid Profile & Potency [WI-10-04]

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.

21679-CN



ID	Weight %	Conc.
Δ9-THC	0.13 wt %	1.26 mg/g
THCV	-	-
CBD	0.81 wt %	8.10 mg/g
CBDV	-	-
CBG	0.09 wt %	0.92 mg/g
CBC	0.06 wt %	0.61 mg/g
CBN	-	-
THCA	0.50 wt %	4.97 mg/g
CBDA	16.89 wt %	168.91 mg/g
CBGA	0.49 wt %	4.87 mg/g
Total	18.96 wt%	189.64 mg/g
Max THC	0.56 wt%	5.61 mg/g
Max CBD	15.62 wt%	156.24 mg/g



Ratio of Total CBD to THC 27.9:1

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