



Certificate ID: 22729

Client Sample ID: 170924

Matrix: Concentrates/Extracts - Alcohol

Date Received: 10/23/2017



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: Matthew Silva, Chemical Engineer	Signature: 	Date: 11/2/2017
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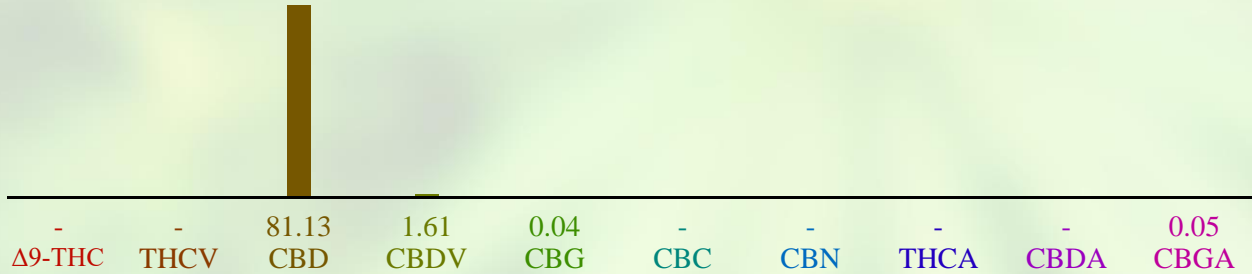
CN: Cannabinoid Profile & Potency [WI-10-04]

Analyst: JFD

Test Date: 11/1/2017

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.

22729-CN



ID	Weight %	Conc.
Δ9-THC	-	-
THCV	-	-
CBD	81.13 wt %	811.29 mg/g
CBDV	1.61 wt %	16.09 mg/g
CBG	0.04 wt %	0.38 mg/g
CBC	-	-
CBN	-	-
THCA	-	-
CBDA	-	-
CBGA	0.05 wt %	0.48 mg/g
Total	82.82 wt%	828.23 mg/g
Max THC	-	-
Max CBD	81.13 wt%	811.29 mg/g



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

MB1: Microbiological Contaminants [WI-10-09]*Analyst: I-Jen**Test Date: 10/23/2017*

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22729-MB1

Symbol	Analysis	Results	Units	Limits*	Status
AC	Total Aerobic Bacterial Count	<100	CFU/g	10,000 CFU/g	PASS
CC	Total Coliform Bacterial Count	<100	CFU/g	100 CFU/g	PASS
EB	Total Bile Tolerant Gram Negative Count	<100	CFU/g	100 CFU/g	PASS
YM	Total Yeast & Mold	<100	CFU/g	1,000 CFU/g	PASS

Note: All recorded Microbiological tests are within the established limits.

END OF REPORT