



Certificate ID: **26563**

Client Sample ID: **CBD Oil 10%**

Matrix: **Concentrates/Extracts - CO2**

Date Received: **2/1/2018**



**Hempking Sp. z o.o.**  
**Grzybowska 87, 87**  
**Warszawa, PL 00-844**  
**Attn: Damian Ol?dzki**

This test method was performed in accordance with the requirements of ISO/IEC 17025. The sample was provided to the laboratory by the client and tested as received. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Authorization: <b>Matthew Silva, Chemical Engineer</b>	Signature: 	Date: <b>2/9/2018</b>
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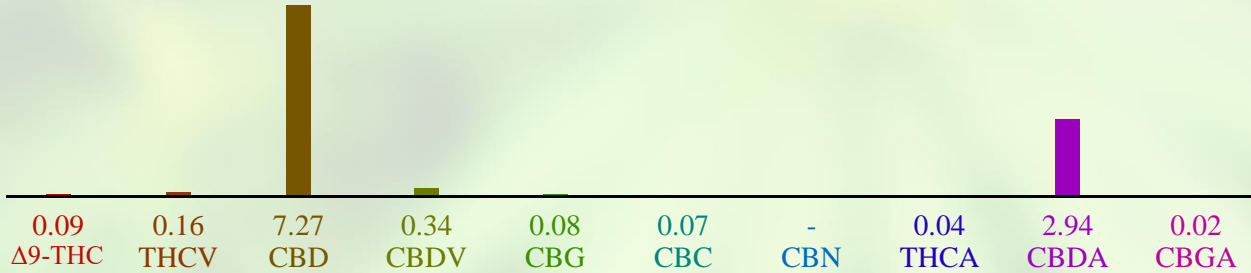
**CN: Cannabinoid Profile & Potency [WI-10-04]**

Analyst: **JDP**

Test Date: **2/9/2018**

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.

**26563-CN**



ID	Conc. (PPM)	Conc.
Δ9-THC	867	0.83 mg/mL
THCV	1568	1.51 mg/mL
CBD	72705	69.98 mg/mL
CBDV	3398	3.27 mg/mL
CBG	817	0.79 mg/mL
CBC	721	0.69 mg/mL
CBN	95	0.09 mg/mL
THCA	447	0.43 mg/mL
CBDA	29388	28.29 mg/mL
CBGA	245	0.24 mg/mL
Total	110251	106.12 mg/mL
Max THC	1259	1.21 mg/mL
Max CBD	98478	94.79 mg/mL



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:  $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$ . ND = None detected above the limits of detection (LLD)