



Certificate ID: **20672**

Client Sample ID: **1000 mg tincture**

Matrix: **Tincture - MCT Oil**

Date Received: **8/30/2017**



Marisa Hinchcliff
234 Fairfax ave
Asheville, NC 28806
Attn: Marisa Hinchcliff

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: 9/12/2017
---	--	---------------------------

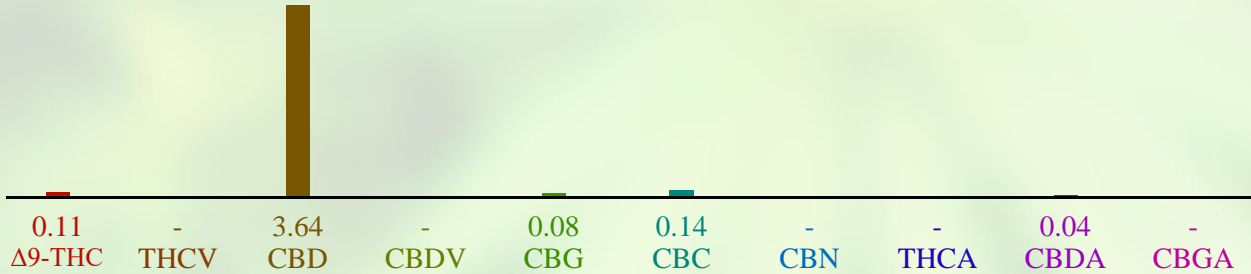
CN: Cannabinoid Profile & Potency [WI-10-04]

Analyst: **JFD**

Test Date: **9/12/2017**

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.

20672-CN



ID	Weight %	Conc.
Δ 9-THC	0.11 wt %	1.53 mg/1 fl oz bottl
THCV	-	-
CBD	3.64 wt %	37.57 mg/1 fl oz bot
CBDV	-	-
CBG	0.08 wt %	2.89 mg/1 fl oz bottl
CBC	0.14 wt %	9.91 mg/1 fl oz bottl
CBN	0.01 wt %	2.37 mg/1 fl oz bottle
THCA	-	-
CBDA	0.04 wt %	1.77 mg/1 fl oz bottl
CBGA	0.00 wt %	0.80 mg/1 fl oz bottle
Total	4.02 wt%	1146.85 mg/1 fl oz bottle
Max THC	0.11 wt%	31.53 mg/1 fl oz bottle
Max CBD	3.68 wt%	1047.90 mg/1 fl oz bottle



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