



Certificate ID: **80468-414**

Received: **4/9/20**

Scan QR Code for authenticity

Kursiv Organics

Client Sample ID: **CBD Full Spec 500**



PO Box 4043

Lot Number: **20200331.01**

St. Paul, MN 55101

Matrix: **Tincture/Infused Oil - MCT Oil**

Attn: Alexis Baker

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 1/22/2021
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: RAS

Test Date: 4/13/2020

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

80468-CN

ID	Weight %	Concentration (mg/mL)			
D9-THC	0.0476	0.437			
THCV	ND	ND			
CBD	1.87	17.1			
CBDV	0.0210	0.193			
CBG	0.0280	0.257			
CBC	0.0364	0.334			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	2.00	18.4	0%	Cannabinoids (wt%)	1.9%
Max THC	0.0476	0.437		Limit of Quantitation (LOQ) = 0.0114 wt%	
Max CBD	1.87	17.1		Limit of Detection (LOD) = 0.0038 wt%	

Ratio of Total CBD to THC 39.2:1

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: $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

END OF REPORT