



Certificate ID: **99164**

Received: **11/4/21**

Scan QR Code for authenticity

**US HempCare**

Client Sample ID: **CT Abacus - 350**



**3 Wilderness West Road**

Lot Number:

**Newtown, CT 06470**

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

**Attn: Jeff Wentzel**

Authorization:

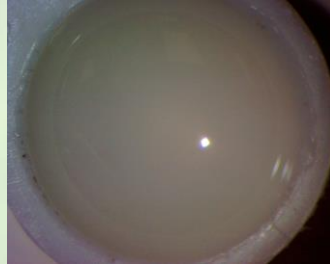
Signature:

Date:

Chris Hudalla, Chief Science Officer



11/10/2021



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: PK**

**Test Date: 11/5/2021**

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.

**99164-CN**

ID	Weight %	Concentration (mg/mL)			
D9-THC	0.0482	0.456			
THCV	ND	ND			
CBD	1.29	12.2			
CBDV	0.0164	0.155			
CBG	0.0240	0.227			
CBC	<LOQ	<LOQ			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	1.39	13.1	0%	Cannabinoids (wt%)	1.29%
Max THC	0.0482	0.456		Limit of Quantitation (LOQ) = 0.0111 wt%	
Max CBD	1.29	12.2		Limit of Detection (LOD) = 0.0037 wt%	

**Ratio of Total CBD to THC 26.8:1**

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:  $MAX\ THC = (0.877 \times THCA) + THC$ . 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 Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

**END OF REPORT**