

Certificate ID: **85329**
 Client Sample ID: **Sour T**
 Lot Number: **ST001**
 Matrix: **Flowers/Bud - Dry Flower**

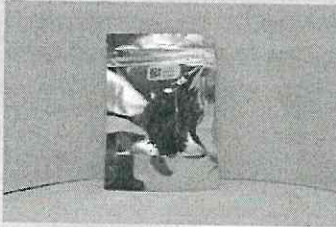
Received: **8/5/20**

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for authenticity



Berkshire CBD
74 Cotton Mill Hl, 251
Brattleboro, VT 05301

Authorization: Chris Hudalla, Chief Science Officer	Signature: <i>Christopher Hudalla</i>	Date: 8/17/2020
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The data contained within this report was collected in accordance with the requirements of ISO/IEC 17025:2017. 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: *JFD* Test Date: *8/15/2020*

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.

85329-CN

ID	Weight %	Concentration (mg/g)	
D9-THC	0.0592	0.592	
THCV	ND	ND	
CBD	0.529	5.29	
CBDV	ND	ND	
CBG	ND	ND	
CBC	0.0448	0.448	
CBN	ND	ND	
THCA	0.459	4.59	
CBDA	12.9	129	
CBGA	0.642	6.42	
D8-THC	ND	ND	
exo-THC	ND	ND	
Total	14.6	146	0% Cannabinoids (wt%) 12.9%
Max THC	0.461	4.61	
Max CBD	11.8	118	

Ratio of Total CBD to THC 25.6:1

Limit of Quantitation (LOQ) = 0.0067 wt%

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.