

Certificate ID: **81290**
 Client Sample ID: **Lemon Drop**
 Lot Number: **LD0427**
 Matrix: **Flowers/Bud - Dry Flower**

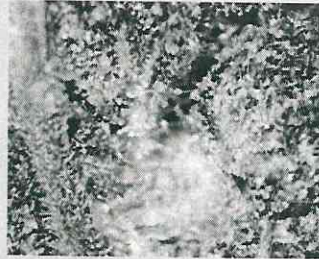
Received: **4/29/20**

Scan QR Code
for authenticity



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

Authorization: Chris Hudalla, Chief Science Officer	Signature: <i>Christopher Hudalla</i>	Date: 5/7/2020
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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: *5/7/2020*

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.

81290-CN

ID	Weight %	Concentration (mg/g)		
D9-THC	ND	ND		
THCV	ND	ND		
CBD	0.26	2.61		
CBDV	ND	ND		
CBG	ND	ND		
CBC	0.04	0.41		
CBN	ND	ND		
THCA	0.47	4.65		
CBDA	15.00	149.96		
CBGA	0.12	1.19		
D8-THC	ND	ND		
exo-THC	ND	ND		
Total	15.88	158.82	0%	Cannabinoids (wt%) 15.0%
Max THC	0.41	4.08		
Max CBD	13.41	134.13		

Ratio of Total CBD to THC 32.9:1

Limit of Quantitation (LOQ) = 0.007 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 half of LOQ.