

Certificate ID: **78036**

Received: **2/19/20**

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Cannabis Culture Co. and farm

135 ocean st. Unit 1


South Portland, ME 04106

Attn: Charles Crapps

Client Sample ID: **Sour diesel**

Lot Number: **5555**

Matrix: **Flowers/Bud - Dry Flower**

Authorization: Scott Eaton, Lab Manager	Signature: 	Date: 2/27/2020
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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: AC

Test Date: 2/25/2020

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.

78036-CN

ID	Weight %	Concentration (mg/g)	
D9-THC	0.74	7.44	
THCV	ND	ND	
CBD	ND	ND	
CBDV	ND	ND	
CBG	0.05	0.46	
CBC	ND	ND	
CBN	ND	ND	
THCA	16.29	162.92	
CBDA	0.04	0.39	
CBGA	0.35	3.55	
D8-THC	ND	ND	
exo-THC	ND	ND	
Total	17.47	174.74	0% Cannabinoids (wt%) 16.3%
Max THC	15.03	150.31	
Max CBD	0.03	0.34	

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: Max THC = (0.877 x 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 half of LOQ.