Certificate ID: 119861

Received: 11/16/23

Client Sample ID: Sour Dog

Lot Number: 0123

Matrix: Flowers/Bud-Dry Flower



## **CANNAFLOWER**

40 University Way, Unit 40 Brattleboro , VT 05301

Authorization: Signature: Date:

Andrew Aubin, Lab Director



12/14/2023







PJLA Testing
Accreditation
# 80585

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: SD Test

*Test Date: 12/13/2023* 

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.

## 119861-CN

117001-011			
ID	Weight %	Concentration (mg/g)	
Δ9-ΤΗС	0.105	1.05	
THCV	ND	ND	
CBD	0.803	8.03	
CBDV	ND	ND	
CBG	0.0843	0.843	
CBC	0.0792	0.792	
CBN	ND	ND	
THCA	0.634	6.34	
CBDA	18.3	183	
CBGA	0.469	4.69	
CBDVA	0.149	1.49	
Δ8-ΤΗС	ND	ND	
exo-THC	ND	ND	
Total	20.6	206	0% Cannabinoids (wt%) 18.3%
Total THC	0.661	6.61	Limit of Quantitation (LOQ) = $0.00646$ wt%
Total CBD	16.9	169	Limit of Detection (LOD) = $0.00215 \text{ wt}\%$

Ratio of Total CBD to THC 25.5:1

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 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 one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

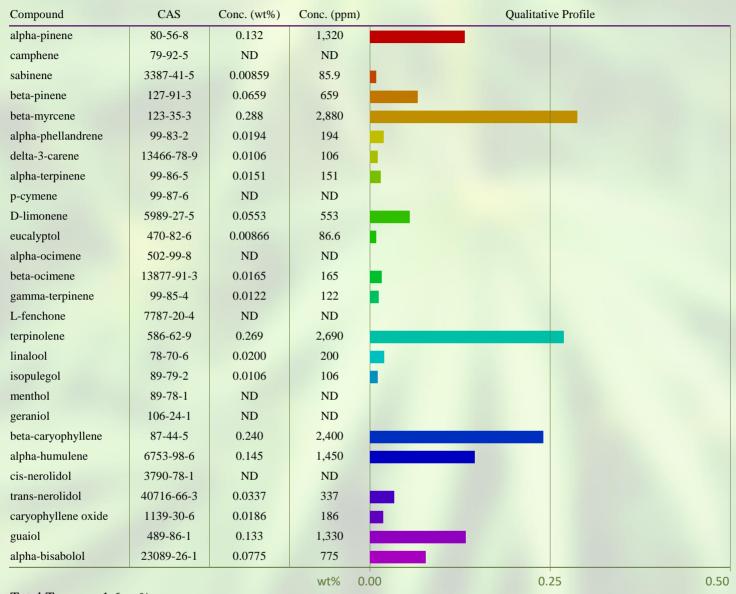
## TP: Terpenes Profile [WI-10-37]

Analyst: ZDV

Test Date: 12/12/2023

The sample was analyzed for terpenes (WI-10-37) utilizing solvent extraction followed by Gas Chromatography (GC) utilizing flame ionization detection (FID). Chromatographic data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

119861-TP



Total Terpene: 1.6 wt%

## **END OF REPORT**

<sup>\*</sup> Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.