

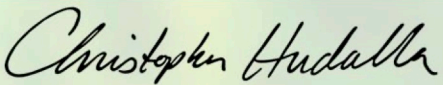
Certificate ID: **91080**
 Client Sample ID: **Remedy**
 Lot Number: **122020**
 Matrix: **Flowers/Bud - Dry Flower**

Received: **12/24/20**

Scan QR Code
for authenticity



CANNAFLOWER
40 University Way, Unit 40
Brattleboro, VT 05301

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 1/7/2021
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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: JFD

Test Date: 1/1/2021

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.

91080-CN

ID	Weight %	Concentration (mg/g)		
D9-THC	0.173	1.73		
THCV	ND	ND		
CBD	1.30	13.0		
CBDV	ND	ND		
CBG	ND	ND		
CBC	0.0985	0.985		
CBN	ND	ND		
THCA	0.539	5.39		
CBDA	17.7	177		
CBGA	0.528	5.28		
D8-THC	ND	ND		
exo-THC	ND	ND		
Total	20.3	203	0%	Cannabinoids (wt%) 17.7%
Max THC	0.646	6.46		Limit of Quantitation (LOQ) = 0.0066 wt%
Max CBD	16.8	168		Limit of Detection (LOD) = 0.0022 wt%

Ratio of Total CBD to THC 26.0:1

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 LOQ.

TP: Terpenes Profile [WI-10-27]

Analyst: AEG

Test Date: 12/29/2020

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

91080-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile
alpha-pinene	80-56-8	0.142	1,420	
camphene	79-92-5	0.0044	43.9	
sabinene*	3387-41-5	ND	ND	
beta-myrcene	123-35-3	0.619	6,190	
beta-pinene	127-91-3	0.0651	651	
alpha-phellandrene	99-83-2	0.0014	14.2	
delta-3-carene	13466-78-9	ND	ND	
alpha-terpinene	99-86-5	0.0008	7.76	
alpha-ocimene	502-99-8	0.0021	21.1	
D-limonene	138-86-3	0.112	1,120	
p-cymene	99-87-6	ND	ND	
cis-beta-ocimene	3338-55-4	0.0733	733	
eucalyptol	470-82-6	0.0007	6.91	
gamma-terpinene	99-85-4	0.0010	9.61	
terpinolene	586-62-9	0.0070	70.0	
linalool	78-70-6	0.0705	705	
L-fenchone*	7787-20-4	0.0042	41.8	
isopulegol	89-79-2	ND	ND	
menthol*	89-78-1	ND	ND	
geraniol	106-24-1	ND	ND	
beta-caryophyllene	87-44-5	0.326	3,260	
alpha-humulene	6753-98-6	0.107	1,070	
cis-nerolidol	3790-78-1	ND	ND	
trans-nerolidol	40716-66-3	ND	ND	
guaial	489-86-1	0.0521	521	
caryophyllene oxide	1139-30-6	0.0075	74.5	
alpha-bisabolol	23089-26-1	0.0439	439	
wt%				0.00 0.50 1.00

Total Terpene: 1.6 wt%

* 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.

END OF REPORT