

Certificate ID: 27721



Pet Releaf

Date Received: 3/12/2018

This test method was performed in accordance with the requirements of ISO/IEC 17025. The sample was provided to the laboratory by the client and tested as received. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Authorization:

Matthew Silva, Chemical Engineer

Signature:

MMM

Authorization:

3/20/2018

CN: Cannabinoid Profile & Potency [WI-10-04]

Analyst: JFD

Test Date: 3/20/2018

The client sample was analyzed for plant-based cannabinoids by Convergence Chromatography (CC). The collected data was compared to data collected for certified reference standards at known concentrations.

27721-CN

0.07 -	1.62 0.05	- 0.02 -		
Δ9-THC THCV	CBD CBDV	CBG CBC CBN	THCA	CBDA CBGA
ID	Weight %	Conc.		
Δ9-ΤΗС	0.07 wt %	0.63 mg/mL		
THCV	ND	ND		
CBD	1.62 wt %	15.44 mg/mL		®321 © 27721
CBDV	0.05 wt %	0.45 mg/mL		
CBG	0.01 wt %	0.06 mg/mL		
CBC	0.02 wt %	0.20 mg/mL		
CBN	0.01 wt %	0.08 mg/mL		
THCA	ND	ND	- 100	
CBDA	ND	ND		
CBGA	ND	ND		
Total	1.77 wt%	16.86 mg/mL		

Ratio of Total CBD to THC 23.1:1

0.07 wt%

1.62 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. ND = None detected above the limits of detection (LLD)

0.63 mg/mL

15.44 mg/mL

Max THC

Max CBD

Pet Releaf 277

TP: Terpenes Profile [WI-10-08]

Analyst: CJH

Test Date: 3/17/2018

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

27721-TP

Compound ppn	Quantitative Profile	Compound ppm	Quantitative Profile
Myrcene		Terpineol	
Pulegone		Camphene	
Isopulegol		Fenchone	
Borneol		B-pinene	
Menthol		Eucalyptol	
Nerolidol-cis		A-terpenine	
G-terpenine		3-carene	
Nerolidol-trans	5	A-pinene	
A-bisabolol	7	Citral-1	
Linalool		Citral-2	
Linalyl Acetate		Limonene	
B-caryophyllene 12	2	Citronellol	
	2	Geraniol	
Eugenol		Ocimene-2	
	3	Ocimene-1	
Sabinene		A-phellandrene	
	3	Terpinolene	
P-cymene			
ppm 0.	.00 10.00 20.	0.00	10.00 20.0

^{*} Indicates qualitative calculation based on recorded peak areas.

END OF REPORT