

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01] Analyst: JSG Test Date: 10/29/2019
The client sample was analyzed for plant based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected.

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.

## 68512-CN

ID	Weight %	Concentration (mg/mL)			
D9-THC	0.03	0.23			
THCV	ND	ND			
CBD	3.48	32.51			
CBDV	0.01	0.12			
CBG	ND	ND			
CBC	0.02	0.20			
CBN	ND	ND			
THCA	ND	ND			
CBDA	< 0.01	<loq< td=""><td></td><td></td><td></td></loq<>			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	3.55	33.12	0%	Cannabinoids (wt%)	3.5%
Max THC	0.03	0.23			
Max CBD	3.49	32.56			

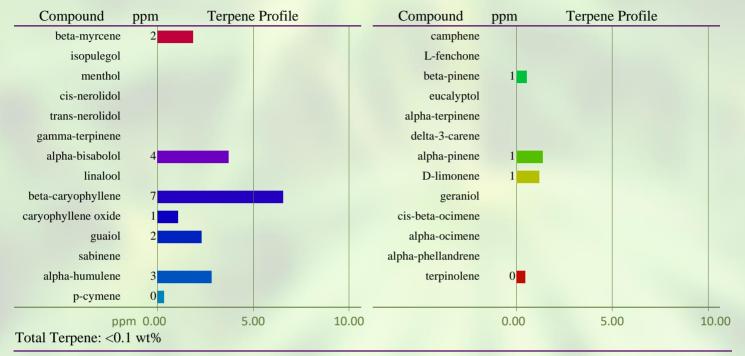
## Limit of Quantitation (LOQ) = 0.01 wt%

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:  $Max THC = (0.877 \times THCA) + THC$ . 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.

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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. All values are semiquantitative estimates based on recorded peak areas relative to terpene calibration data.

## 68512-TP



**END OF REPORT**