

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.

## 104083-CN

ID	Weight %	Concentration (mg/mL)	
<b>Δ9-THC</b>	0.108	1.04	
THCV	ND	ND	
CBD	4.92	47.3	
CBDV	0.0180	0.173	
CBG	2.11	20.3	
CBC	0.0847	0.814	
CBN	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
THCA	ND	ND	
CBDA	ND	ND	
CBGA	ND	ND	
CBDVA	ND	ND	
Δ8-THC	ND	ND	
exo-THC	ND	ND	
Total	7.24	69.6	0% Cannabinoids (wt%) 4.92%
Max THC	0.108	1.04	Limit of Quantitation (LOQ) = $0.0109 \text{ wt\%}$
Max CBD	4.92	47.3	Limit of Detection (LOD) = 0.0036 wt%

## Ratio of Total CBD to THC 45.4:1

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 =  $(0.877 \times THCA) + THC$ . 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 one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

## **END OF REPORT**

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