

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.

91157-CN			
ID	Weight %	Concentration (mg/mL)	
D9-THC	0.0457	0.439	
THCV	ND	ND	
CBD	5.35	51.3	
CBDV	0.0596	0.572	
CBG	5.17	49.6	
CBC	0.0745	0.715	
CBN	5.50	52.8	
THCA	ND	ND	
CBDA	0.155	1.49	
CBGA	ND	ND	
D8-THC	ND	ND	
exo-THC	ND	ND	
Total	16.4	157	0% Cannabinoids (wt%) 5.5%
Max THC	0.0457	0.439	Limit of Quantitation (LOQ) = 0.0109 wt%
Max CBD	5.48	52.6	Limit of Detection (LOD) = $0.0037$ 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 one third of LOQ.

## **END OF REPORT**