

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.

110420-CIV			
ID	Weight %	Concentration (mg/mL)	
<b>Δ9-THC</b>	ND	ND	
THCV	ND	ND	
CBD	14.2	132	
CBDV	0.285	2.65	
CBG	0.688	6.40	
CBC	ND	ND	
CBN	0.0345	0.321	
THCA	ND	ND	
CBDA	ND	ND	
CBGA	ND	ND	
CBDVA	ND	ND	
$\Delta 8$ -THC	ND	ND	
exo-THC	ND	ND	
Total	15.2	141	0%Cannabinoids (wt%)14.2%
Total THC	<loq< td=""><td><loq< td=""><td>Limit of Quantitation (LOQ) = 0.0113 wt%</td></loq<></td></loq<>	<loq< td=""><td>Limit of Quantitation (LOQ) = 0.0113 wt%</td></loq<>	Limit of Quantitation (LOQ) = 0.0113 wt%
Total CBD	14.2	132	Limit of Detection (LOD) = 0.00376 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 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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