



Certificate ID: **98617** Received: **10/22/21**
 Client Sample ID: **20mg Elderberry Lemon Gummy**
 Lot Number: **G23**
 Matrix: **Edibles - Gummy**

Scan QR Code for authenticity



Kingsbury Market Garden
284 Rt 100
Warren, VT 05674
Attn: Tonya Howell

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 10/27/2021
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: AC

Test Date: 10/25/2021

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.

98617-CN

ID	Weight %	Concentration (mg/gummy)			
D9-THC	0.0204	0.441			
THCV	ND	ND			
CBD	0.867	18.8			
CBDV	0.0068	0.147			
CBG	0.0100	0.216			
CBC	0.0362	0.783			
CBN	<LOQ	<LOQ			
THCA	ND	ND			
CBDA	0.0048	0.104			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	0.947	20.5	0%	Cannabinoids (wt%)	0.867%
Max THC	0.0204	0.441		Limit of Quantitation (LOQ) = 0.0024 wt%	
Max CBD	0.871	18.9		Limit of Detection (LOD) = 0.0008 wt%	

Ratio of Total CBD to THC 42.7:1

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 x 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