Certificate of Analysis

Company: Mend Botanical LLC	**Sample ID:** Green Crack - GC22		
823 Foster Hill Rd	**Lot:** N/A	**Report Date:** 11/14/2022
East Calais, VT 05650	**Matrix:** Flower	**Date Analyzed:** 11/11/2022
Customer ID: 220705-0	**Date Sampled:** 10/20/2022	**Analyst:** 011
Grower License #: CLTV0065-01	**Date Received:** 10/25/2022	**Report ID:** C221025AH

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.88	0.09
CBGA	0.0008	13.58	1.36
CBG	0.0019	0.86	0.09
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	10.47	1.05
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	233.45	23.34
CBC	0.0024	0.56	0.06
Total THC		215.20	21.52
Total CBD		0.77	0.08
Total Cannabinoids		259.78	25.98

21.52% Total THC

0.08% Total CBD

25.98% Total Cannabinoids

1.05% Δ9-THC

9.45% Percent Moisture

1 : 0 THC : CBD Ratio

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
Total THC = (THCA x 0.877) + Δ9-THC   Total CBD = (CBDA x 0.877) + CBD
Ratio of Total CBD: Total THC   Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
Δ9-THC MU = ±0.005%   Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.
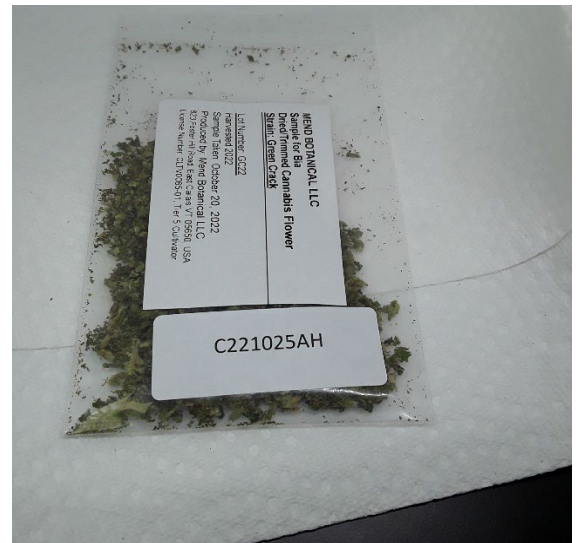
Certified by: _Luke E. M_

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)