Bia Diagnostics Laboratories
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480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis

Company: Green Mountain Scientific Corp
PO Box 699
Morrisville, VT 05661
Customer ID: 220908-0
Grower License #: N/A

Sample ID: Type 1- 1st Pass Distillate 500002
Lot: 500002
Matrix: Distillate
Date Sampled: 11/21/2022
Date Received: 11/22/2022

Report Date: 12/1/2022
Date Analyzed: 11/28/2022
Analyst: 011
Report ID: C221122HB

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	13.47	1.35
CBD	0.0019	6.20	0.62
THCV	0.0021	32.60	3.26
CBN	0.0013	5.01	0.50
Δ9-THC	0.0020	719.78	71.98
Δ8-THC	0.0019	3.68	0.37
THC-A	0.0034	3.95	0.39
CBC	0.0024	18.06	1.81
Total THC		723.24	72.32
Total CBD		6.20	0.62
Total Cannabinoids		802.74	80.27

72.32% Total THC	0.62% Total CBD
80.27% Total Cannabinoids	71.98% Δ9-THC
N/A 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