

Certificate of Analysis

Company: Green Mountain Scientific Corp.	Sample ID: Type I THC CO2 Distillate	Report Date: 4/29/2024
PO Box 699	Lot: 1924208	Date Analyzed: 4/26/2024
Morrisville, VT 05661	Matrix: Distillate	Analyst: 057
Customer ID: 220908-01	Date Sampled: N/A	Report ID: C240422AK
Grower License #: MANU0019	Date Received: 4/22/2024	

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	21.04	2.10
CBD	0.0019	25.11	2.51
THCV	0.0021	23.96	2.40
CBN	0.0013	4.51	0.45
Δ9-THC	0.0020	766.87	76.69
Δ8-THC	0.0019	11.53	1.15
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	3.74	0.37
Total THC		766.87	76.69
Total CBD		25.11	2.51
Total Cannabinoids		856.77	85.68

76.69% Total THC	2.51% Total CBD
85.68% Total Cannabinoids	76.69% 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

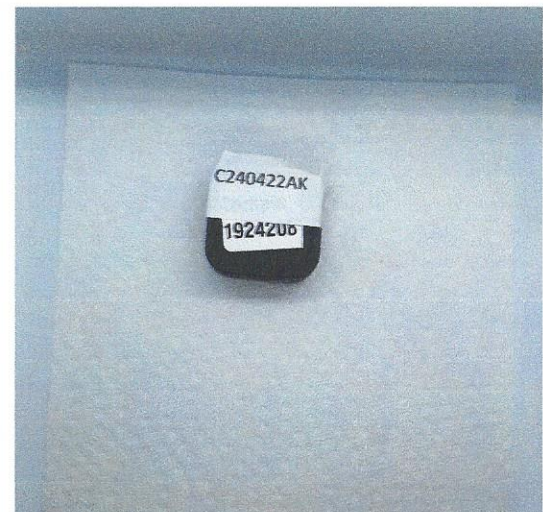
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

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.



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: Luke E-M
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)