Bia Diagnostics Laboratories

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Certificate of Analysis

Company: Purple Lark Farm
16 Wild Apple LN
Richmond, VT 05477
Customer ID: 210121-0
Grower License #: 50_2021_00000095

Sample ID: Batch 210715-02 CBD+CBG Blend
Lot: 210715-02
Matrix: Flower - Dry
Date Sampled: 8/18/2021
Date Received: 8/27/2021

Report Date: 8/31/2021
Date Analyzed: 8/30/2021
Analyst: SCG
Report ID: C210827AK

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	0.51	0.05
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	95.88	9.59
CBGA	0.0008	76.51	7.65
CBG	0.0019	2.13	0.21
CBD	0.0019	9.97	1.00
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.55	0.16
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	2.60	0.26
CBC	0.0024	1.90	0.19
Total THC		3.83	0.38
Total CBD		94.06	9.41
Total Cannabinoids		191.04	19.10

0.38% **Total THC**	9.41% **Total CBD**
19.10% **Total Cannabinoids**	0.16% **Δ9-THC**
10.26% **Percent Moisture**	1 : 24.5 **THC : CBD Ratio**

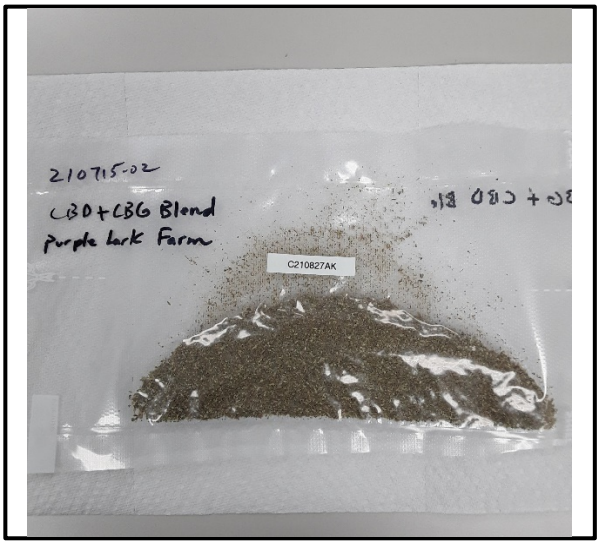
Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

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.



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