

Certificate of Analysis

Company: Fragrant Reed

 81 East State St
 Montpelier, VT 05602

Customer ID: 210111-0

Grower License #: LLC #: 0368922

Sample ID: Decarboxylated Hemp Flower

Lot: NA

Matrix: Flower-Dry

Date Sampled: NA

Date Received: 1/11/2021

Report Date: 1/12/2021

Date Analyzed: 1/11/2021

Analyst: SCG

Report ID: C210111AA

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	1.04	0.10
CBDA	0.0008	9.74	0.97
CBGA	0.0008	0.41	0.04
CBG	0.0019	3.47	0.35
CBD	0.0019	99.57	9.96
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	3.12	0.31
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	12.28	1.23
Total THC		3.12	0.31
Total CBD		108.11	10.81
Total Cannabinoids		129.63	12.96

0.31%
Total THC

10.81%
Total CBD

12.96%
Total Cannabinoids

0.31%
Δ9-THC

7.12%
Percent Moisture

1 : 34.7
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.



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