

Certificate of Analysis

Company: Family Tree Hemp Company	Sample ID: Lifter (Dry, cured)	Report Date: 10/23/2020
P.O. Box 400	Lot: NA	Date Analyzed: 10/21/2020
Sheldon Springs, VT 05485	Matrix: Flower-Wet	Analyst: SCG
Customer ID: 200210-0	Date Sampled: 10/1/2020	Report ID: C201020AM-2
Grower License #: NA	Date Received: 10/20/2020	Amendment of C201020AM

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	1.66	0.17
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	193.27	19.33
CBGA	0.0008	3.05	0.30
CBG	0.0019	0.69	0.07
CBD	0.0019	3.17	0.32
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	<LOQ	<LOQ
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	7.42	0.74
CBC	0.0024	<LOQ	<LOQ
Total THC		6.51	0.65
Total CBD		172.66	17.27
Total Cannabinoids		209.25	20.92

0.65%

Total THC

17.27%

Total CBD

20.92%

Total Cannabinoids

<LOQ

Δ9-THC

17.29%

Percent Moisture

1 : 26.5

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC} \quad \text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD}$$

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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