Certificate of Analysis

Company: Family Tree Hemp Co
P. O Box 400
Sheldon Springs, VT 05485
Customer ID: 200210-0
Grower License #: #50202100000105

Sample ID: 2021 Sungrown Organic Sour Suver Haze
Lot: N/A
Matrix: Flower-Dry
Date Sampled: 10/26/2021
Date Received: 12/22/2021

Report Date: 1/6/2022
Date Analyzed: 1/4/2022
Analyst: SCG
Report ID: C211222AE

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	0.92	0.09
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	132.91	13.29
CBGA	0.0008	3.17	0.32
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	5.20	0.52
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	0.57	0.06
Δ9-THC	0.0020	<LOQ	<LOQ
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	7.25	0.72
CBC	0.0024	0.92	0.09
Total THC		6.35	0.64
Total CBD		121.76	12.18
Total Cannabinoids		150.94	15.09

0.64% Total THC

12.18% Total CBD

15.09% Total Cannabinoids

<LOQ Δ9-THC

12.22% Percent Moisture

1 : 19.2 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)