Certificate of Analysis

Company: Family Tree, LLC

Sample ID: Aggregate Sample Gel Cap

Lot: S-000000926-138

Report Date: 12/6/2023

Matrix: Oil

Date Analyzed: 11/30/2023

Customer ID: 200210-0

Date Sampled: N/A

Analyst: 011

Grower License #: CLTV0014/MANU0002

Date Received: 11/10/2023

Report ID: C231110DK

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	0.34	0.03
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	0.24	0.02
Δ9-THC	0.0020	8.03	0.80
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	0.19	0.02
CBC	0.0024	0.31	0.03
Total THC		8.20	0.82
Total CBD		<LOQ	<LOQ
Total Cannabinoids		9.11	0.91

0.82% **Total THC**	**<LOQ** **Total CBD**
0.91% **Total Cannabinoids**	**0.8%** **Δ9-THC**
0.618g **Sample Weight**	**N/A** **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.

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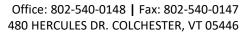
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

(802) 540-0148   laboratory@biadiagnostics.com   Certificate Registration Number: CL_50_2021_002

Summary of Results

Aggregate Sample Gel Cap

Prepared for Family Tree, LLC

MANUFACTURER INFO

Family Tree, LLC

LOT NUMBER

S-000000926-138

SERVING SIZE

0.618g

MATRIX

Oil

DATE RECEIVED

11/10/2023

DATE ANALYZED

11/30/2023

REPORT DATE

12/6/2023

ORIGINAL REPORT ID

C231110DK

TOTAL CANNABINOIDS

5.63 mg
per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	0.31	0.03
CBD	Not Detected	Not Detected
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	0.34	0.03
CBGA	Not Detected	Not Detected
CBN	0.24	0.02
THC-A	0.19	0.02
THCV	Not Detected	Not Detected
Δ8-THC	Not Detected	Not Detected
Δ9-THC	8.03	0.80
Total CBD	Not Detected	Not Detected
Total THC	8.20	0.82
Total Cannabinoids	9.11	0.91

TOTAL THC

5.07 mg
per serving

TOTAL CBD

Not Detected

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

Total CBD and total THC are calculated values.

Not Detected = 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).

LOQ = The lowest quantity that this method can reliably detect.

This is not an official Certificate of Analysis