



Certificate of Analysis

Company: Family Tree Hemp Co

P. O Box 400

Sheldon Springs, VT 05485

Customer ID: 200210-0

Grower License #: 50_2021_00000105

Sample ID: 5. 2021 Sour Elektra- Sun Grown Organic

Lot: N/A

Matrix: Flower-Dry

Date Sampled: 10/12/2021

Date Received: 10/18/2021

Report Date: 10/22/2021

Date Analyzed: 10/21/2021

Analyst: SCG

Report ID: C211018AG

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	0.65	0.07
CBDV	0.0012	0.42	0.04
CBDA	0.0008	135.45	13.55
CBGA	0.0008	4.11	0.41
CBG	0.0019	0.54	0.05
CBD	0.0019	4.15	0.42
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	1.42	0.14
Δ9-THC	0.0020	0.70	0.07
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	7.65	0.77
CBC	0.0024	0.52	0.05
Total THC		7.41	0.74
Total CBD		122.94	12.29
Total Cannabinoids		155.62	15.56

0.74%

Total THC

12.29%

Total CBD

15.56%

**Total
Cannabinoids**

0.07%

Δ9-THC

11.13%

**Percent
Moisture**

1 : 16.6

**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).

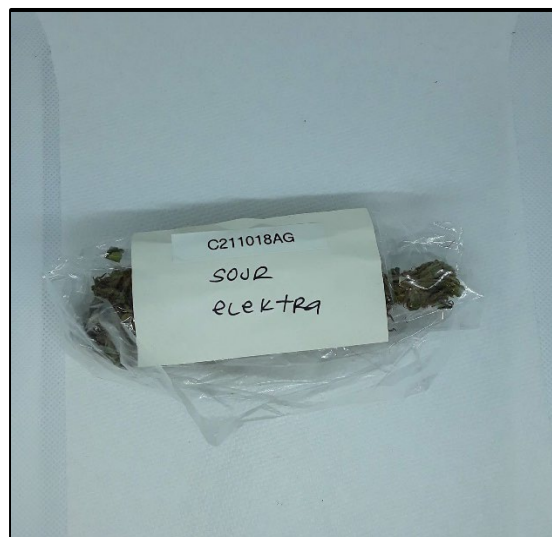
All results reflect dry weight of material, based on % moisture of the sample.

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.



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by:

Luke E. M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)