

## Certificate of Analysis

<b>Company:</b> Family Tree Hemp Company	<b>Sample ID:</b> Frosted Lime (Dry, cured)	
P.O. Box 400	<b>Lot:</b> NA	<b>Report Date:</b> 10/23/2020
Sheldon Springs, VT 05485	<b>Matrix:</b> Flower-Wet	<b>Date Analyzed:</b> 10/21/2020
<b>Customer ID:</b> 200210-0	<b>Date Sampled:</b> 9/25/2020	<b>Analyst:</b> SCG
<b>Grower License #:</b> NA	<b>Date Received:</b> 10/20/2020	<b>Report ID:</b> C201020AK-2 <small>Amendment of C201020AK</small>

### Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	0.58	0.06
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	118.37	11.84
CBGA	0.0008	2.47	0.25
CBG	0.0019	0.47	0.05
CBD	0.0019	3.62	0.36
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	0.50	0.05
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	4.18	0.42
CBC	0.0024	0.86	0.09
<b>Total THC</b>		4.16	0.42
<b>Total CBD</b>		107.43	10.74
<b>Total Cannabinoids</b>		131.04	13.10

0.42%

**Total THC**

10.74%

**Total CBD**

13.10%

**Total Cannabinoids**

0.05%

**Δ9-THC**

17.19%

**Percent Moisture**

1 : 25.8

**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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