

## Certificate of Analysis

**Company:** Family Tree, LLC

**Sample ID:** F-170

**Lot:** manu0013-F-170

**Report Date:** 4/17/2024

**Matrix:** Concentrate

**Date Analyzed:** 4/12/2024

**Customer ID:** 200210-0

**Date Sampled:** N/A

**Analyst:** 045

**Grower License #:** CLTV0014/MANU0002

**Date Received:** 4/3/2024

**Report ID:** C240403AN

### Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
$\alpha$ - Pinene	0.010	1.405	0.141
Camphene	0.010	0.712	0.071
$\beta$ -Myrcene	0.010	7.443	0.744
b-Pinene	0.010	1.082	0.108
3-Carene	0.010	<LOQ	<LOQ
$\alpha$ -Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	9.283	0.928
$\rho$ -Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.036	0.004
$\gamma$ -Terpinene	0.010	0.048	0.005
Terpinolene	0.010	0.422	0.042
Linalool	0.010	0.752	0.075
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	8.349	0.835
$\alpha$ -Humulene	0.010	3.286	0.329
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.051	0.005
$\alpha$ -Bisabolol	0.010	0.047	0.005
<b>Total Terpenes</b>		<b>32.916</b>	<b>3.292</b>

N/A
Percent Moisture

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

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

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



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Certified by: \_\_\_\_\_



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)