# Certificate of Analysis

**Company:** Life Arises Farm

**Customer ID:** 221107-2
**Grower License #:** SCLT0076-01

**Sample ID:** Mandarin Dog
**Lot:** HL1-PL3
**Matrix:** Flower
**Date Sampled:** N/A
**Date Received:** 11/7/2023

**Report Date:** 12/1/2023
**Date Analyzed:** 11/30/2023
**Analyst:** 048
**Report ID:** C231107BP

## Terpenes Summary

| Terpene | LOQ (mg/g) | Results (mg/g) | Weight (%) |
|---|---|---|---|
| α- Pinene | 0.010 | 1.071 | 0.107 |
| Camphene | 0.010 | 0.147 | 0.015 |
| β-Myrcene | 0.010 | 5.167 | 0.517 |
| b-Pinene | 0.010 | 1.576 | 0.158 |
| 3-Carene | 0.010 | 0.029 | 0.003 |
| α-Terpinene | 0.010 | 0.027 | 0.003 |
| Limonene | 0.010 | 4.988 | 0.499 |
| ρ-Cymene | 0.010 | <LOQ | <LOQ |
| Ocimene | 0.010 | <LOQ | <LOQ |
| Eucalyptol | 0.010 | 0.044 | 0.004 |
| ϒ-Terpinene | 0.010 | 0.019 | 0.002 |
| Terpinolene | 0.010 | 0.594 | 0.059 |
| Linalool | 0.010 | 1.066 | 0.107 |
| Isopulegol | 0.010 | <LOQ | <LOQ |
| Geraniol | 0.010 | <LOQ | <LOQ |
| Caryophyllene | 0.010 | 5.993 | 0.599 |
| α-Humulene | 0.010 | 2.487 | 0.249 |
| Trans-Nerolidol | 0.010 | <LOQ | <LOQ |
| Cis-Nerolidol | 0.010 | <LOQ | <LOQ |
| Guaiol | 0.010 | <LOQ | <LOQ |
| Caryophyllene Oxide | 0.010 | 0.083 | 0.008 |
| α-Bisabolol | 0.010 | 0.157 | 0.016 |
| **Total Terpenes** | | 23.448 | 2.346 |

12.45%

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.

*Certified by:* Luke E. M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

(802) 540-0148 laboratory@biadiagnostics.com