## Certificate of Analysis

**Company:** Vt. Medicine Man Botanical
5356 Hollister Hill
Marshfield, VT 05658
**Customer ID:** 221209-0
**Grower License #:** SCLT0195

**Sample ID:** Red Hot Cookies
**Lot:** N/A
**Matrix:** Flower
**Date Sampled:** N/A
**Date Received:** 3/16/2023

**Report Date:** 3/30/2023
**Date Analyzed:** 3/27/2023
**Analyst:** 035
**Report ID:** C230316AE

## Terpenes Summary

| Terpene | LOQ (mg/g) | Results (mg/g) | Weight (%) |
|---|---|---|---|
| α- Pinene | 0.010 | 2.246 | 0.225 |
| Camphene | 0.010 | 0.080 | 0.008 |
| β-Myrcene | 0.010 | 2.029 | 0.203 |
| b-Pinene | 0.010 | 1.880 | 0.188 |
| 3-Carene | 0.010 | <LOQ | <LOQ |
| α-Terpinene | 0.010 | 0.305 | 0.031 |
| Limonene | 0.010 | 1.874 | 0.187 |
| ρ-Cymene | 0.010 | <LOQ | <LOQ |
| Ocimene | 0.010 | 2.025 | 0.203 |
| Eucalyptol | 0.010 | 0.080 | 0.008 |
| Ɣ-Terpinene | 0.010 | 0.294 | 0.029 |
| Terpinolene | 0.010 | 5.031 | 0.503 |
| Linalool | 0.010 | 1.162 | 0.116 |
| Isopulegol | 0.010 | <LOQ | <LOQ |
| Geraniol | 0.010 | 0.122 | 0.012 |
| Caryophyllene | 0.010 | 1.588 | 0.159 |
| α-Humulene | 0.010 | 0.590 | 0.059 |
| Trans-Nerolidol | 0.010 | <LOQ | <LOQ |
| Cis-Nerolidol | 0.010 | <LOQ | <LOQ |
| Guaiol | 0.010 | <LOQ | <LOQ |
| Caryophyllene Oxide | 0.010 | 0.017 | 0.002 |
| α-Bisabolol | 0.010 | 0.112 | 0.011 |
| **Total Terpenes** | | 19.435 | 1.944 |

| 15.08% |
|---|
| 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)