

## Certificate of Analysis

**Company:** Vermont Kind Manufacturing  
 2687 Willoughby Lake Road  
 Barton, VT 05822

**Sample ID:** MANU0027-C0024

**Lot:** N/A

**Matrix:** Concentrate

**Report Date:** 5/17/2023

**Date Analyzed:** 5/12/2023

**Customer ID:** 210614-02

**Date Sampled:** 5/5/2023

**Analyst:** 035

**Grower License #:** MANU0027

**Date Received:** 5/8/2023

**Report ID:** C230508AU

### Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
$\alpha$ - Pinene	0.010	1.849	0.185
Camphene	0.010	0.324	0.032
$\beta$ -Myrcene	0.010	3.334	0.333
b-Pinene	0.010	1.332	0.133
3-Carene	0.010	<LOQ	<LOQ
$\alpha$ -Terpinene	0.010	0.841	0.084
Limonene	0.010	2.407	0.241
$\rho$ -Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.445	0.045
$\gamma$ -Terpinene	0.010	0.668	0.067
Terpinolene	0.010	6.214	0.621
Linalool	0.010	2.187	0.219
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	3.681	0.368
$\alpha$ -Humulene	0.010	1.628	0.163
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
$\alpha$ -Bisabolol	0.010	0.035	0.004
<b>Total Terpenes</b>		<b>24.945</b>	<b>2.495</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.

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 Emerson Mason (Laboratory Director, Bia Diagnostics)