

## Certificate of Analysis

**Company:** Bern Living Organics  
 135 Main St. Ste 101  
 Burlington, VT 05401  
**Customer ID:** 210511-0  
**Grower License #:** CLTV0089

**Sample ID:** Sour Tangie  
**Lot:** N/A  
**Matrix:** Flower  
**Date Sampled:** N/A  
**Date Received:** 5/26/2023

**Report Date:** 6/6/2023  
**Date Analyzed:** 6/5/2023  
**Analyst:** 035  
**Report ID:** C230526BG

### Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
$\alpha$ -Pinene	0.010	0.799	0.080
Camphene	0.010	0.136	0.014
$\beta$ -Myrcene	0.010	3.415	0.342
b-Pinene	0.010	1.230	0.123
3-Carene	0.010	<LOQ	<LOQ
$\alpha$ -Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	3.681	0.368
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	<LOQ	<LOQ
$\gamma$ -Terpinene	0.010	0.015	0.002
Terpinolene	0.010	0.101	0.010
Linalool	0.010	2.256	0.226
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	8.174	0.817
$\alpha$ -Humulene	0.010	1.273	0.127
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.037	0.004
$\alpha$ -Bisabolol	0.010	0.188	0.019
<b>Total Terpenes</b>		<b>21.305</b>	<b>2.132</b>

**11.71%**

**Percent  
Moisture**

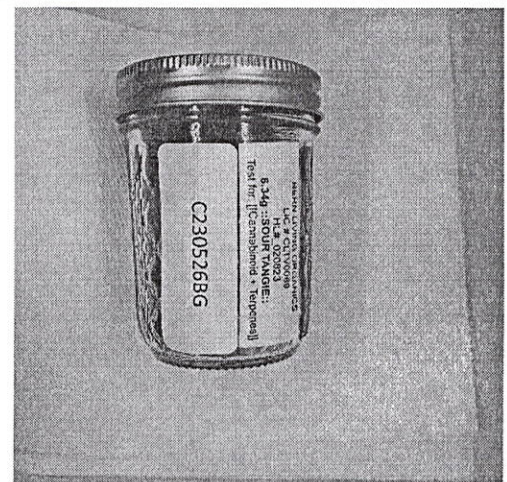
LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

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)

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.