Bia Diagnostics Laboratories

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480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis

Company: Quintessential Botanicals
118 Jenny Lane
Cabot, VT 05647
Customer ID: 191030-21
Grower License #: s-000001672

Sample ID: Sour Sherbet
Lot: CLTV0098-04
Matrix: Flower
Date Sampled: N/A
Date Received: 2/13/2024

Report Date: 2/20/2024
Date Analyzed: 2/15/2024
Analyst: 048
Report ID: C240213AU

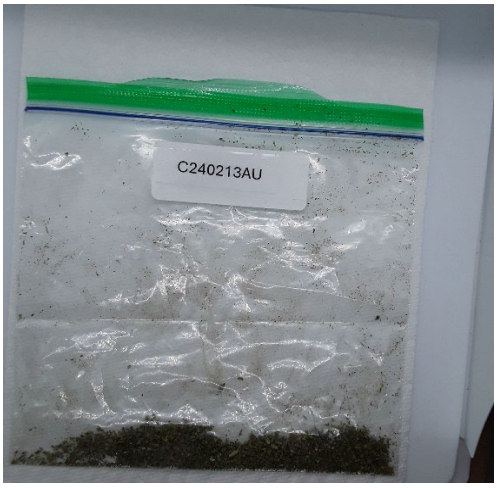
Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	0.620	0.062
Camphene	0.010	0.044	0.004
β-Myrcene	0.010	4.299	0.430
b-Pinene	0.010	0.714	0.071
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	0.014	0.001
Limonene	0.010	2.765	0.277
ρ-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	1.336	0.134
Eucalyptol	0.010	0.124	0.012
ϒ-Terpinene	0.010	0.017	0.002
Terpinolene	0.010	0.137	0.014
Linalool	0.010	0.459	0.046
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	5.741	0.574
α-Humulene	0.010	2.798	0.280
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.020	0.002
α-Bisabolol	0.010	0.188	0.019
Total Terpenes		19.276	1.928

13.30%
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)