Bia Diagnostics Laboratories

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480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis

Company: VT Green Castle Reserve
[redacted]
Johnson, VT 05656
Customer ID: 221007-0
Grower License #: S-00189

Sample ID: Sour Diesel
Lot: S-00189-001
Matrix: Flower-Dry
Date Sampled: N/A
Date Received: 10/7/2022

Report Date: 10/27/2022
Date Analyzed: 10/26/2022
Analyst: CF
Report ID: C221007AG

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	2.809	0.281
Camphene	0.010	0.186	0.019
β-Myrcene	0.010	4.353	0.435
b-Pinene	0.010	2.316	0.232
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	0.025	0.003
Limonene	0.010	2.855	0.286
ρ-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	2.340	0.234
Eucalyptol	0.010	0.025	0.003
ϒ-Terpinene	0.010	0.027	0.003
Terpinolene	0.010	0.165	0.017
Linalool	0.010	1.283	0.128
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	2.883	0.288
α-Humulene	0.010	1.704	0.170
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
α-Bisabolol	0.010	0.016	0.002
Total Terpenes		20.987	2.101

12.40%

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 E-M
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)