

Certificate of Analysis

Company: VT Green Castle Reserve

Sample ID: Sour Diesel

Johnson, VT 05656

Lot: S-00189-001

Report Date: 10/27/2022

Customer ID: 221007-0

Matrix: Flower-Dry

Date Analyzed: 10/26/2022

Grower License #: S-00189

Date Sampled: N/A

Analyst: CF

Date Received: 10/7/2022

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
γ -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**

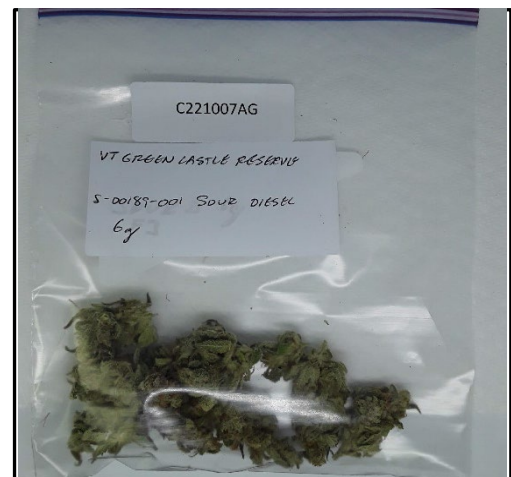
LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

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 Emerson Mason (Laboratory Director, Bia Diagnostics)