

Certificate of Analysis

Company: Mt. Gay Farms
 PO Box 50
 Gaysville, VT 05746

Sample ID: Compton Landrace
Lot: N/A
Matrix: Flower

Report Date: 1/10/2023
Date Analyzed: 1/3/2023

Customer ID: 221013-1
Grower License #: 000_000_443

Date Sampled: 12/12/2022
Date Received: 12/14/2022

Analyst: 035
Report ID: C221214AK

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α - Pinene	0.010	0.915	0.092
Camphene	0.010	0.041	0.004
β -Myrcene	0.010	3.157	0.316
b-Pinene	0.010	1.577	0.158
3-Carene	0.010	<LOQ	<LOQ
α -Terpinene	0.010	0.575	0.058
Limonene	0.010	2.757	0.276
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	2.209	0.221
Eucalyptol	0.010	0.215	0.022
γ -Terpinene	0.010	0.482	0.048
Terpinolene	0.010	7.598	0.760
Linalool	0.010	0.944	0.094
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	7.084	0.708
α -Humulene	0.010	2.605	0.261
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.045	0.005
α -Bisabolol	0.010	0.227	0.023
Total Terpenes		30.431	3.046

14.61%
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)