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Colchester, VT 05446
License #: TLAB0030
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Certificate of Analysis



Client Name: VT Green Castle Reserve

License Number: SCLT0023



Sample ID: VT13727

Sample Name: Blueberry Cupcake

Sample Lot: SCLT0023-09

Sample Matrix: Flower

Date Received: 10/1/2024

Date Reported: 10/4/2024

Date Tested: 10/2/2024



Total Terpenes (%) : 2.5971

Dominant Terpenes (%)

Myrcene	0.7727
beta-caryophyllene	0.7122
alpha-Humulene	0.3028
Limonene	0.2246
alpha-Bisabolol	0.1969

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #42184

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1969	1.969	0.000003	0.001
alpha-Humulene	0.3028	3.028	0.000002	0.001
alpha-Pinene	0.0252	0.252	0.000001	0.001
alpha-Terpinene	< LOQ	< LOQ	0.000001	0.001
alpha-Terpinolene	0.0289	0.289	0.000004	0.001
beta-caryophyllene	0.7122	7.122	0.000004	0.001
beta-Pinene	0.0456	0.456	0.000002	0.001
Camphene	0.0062	0.062	0.000001	0.001
Caryophyllene Oxide	0.0289	0.289	0.000011	0.001
Eucalyptol	< LOQ	< LOQ	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	< LOQ	< LOQ	0.000008	0.003
Guaiol	0.1155	1.155	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.2246	2.246	0.000002	0.001
Linalool	0.1033	1.033	0.000003	0.001
Nerolidol	0.0283	0.283	0.000007	0.001
Myrcene	0.7727	7.727	0.000003	0.001
Ocimene	0.006	0.06	0.000002	0.001
Total Terpenes	2.5971	25.971		

Callie Chapman

Callie Chapman
Lab Director
10/4/2024

Rev. 1 Initial Release

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