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License #: TLAB0030
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Certificate of Analysis



Client Name: VT Green Castle Reserve

License Number: SCLT0023



Sample ID: VT21569

Sample Name: Blueberry Cupcake

Sample Lot: SCLT0023-012

Sample Matrix: Flower

Date Received: 6/10/2025

Date Reported: 6/16/2025

Date Tested: 6/11/2025



Total Terpenes (%) : 2.2843

Dominant Terpenes (%)

Myrcene	0.7765
beta-caryophyllene	0.5827
Limonene	0.2296
alpha-Humulene	0.1963
alpha-Bisabolol	0.1405

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #70375

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1405	1.405	0.000003	0.001
alpha-Humulene	0.1963	1.963	0.000002	0.001
alpha-Pinene	0.0155	0.155	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.01	0.1	0.000004	0.001
beta-caryophyllene	0.5827	5.827	0.000004	0.001
beta-Pinene	0.0251	0.251	0.000002	0.001
Camphene	0.0038	0.038	0.000001	0.001
Caryophyllene Oxide	0.0239	0.239	0.000011	0.001
Eucalyptol	0.0043	0.043	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	0.0341	0.341	0.000008	0.003
Guaiol	0.0781	0.781	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.2296	2.296	0.000002	0.001
Linalool	0.1315	1.315	0.000003	0.001
Nerolidol	0.0324	0.324	0.000007	0.001
Myrcene	0.7765	7.765	0.000003	0.001
Ocimene	< LOQ	< LOQ	0.000002	0.001
Total Terpenes	2.2843	22.843		

Callie Chapman

Callie Chapman
Lab Director
6/16/2025

Rev. 1 Initial Release

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