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Certificate of Analysis

Client Name: VT Green Castle Reserve
License Number: SCLT0023

Sample ID: 20260709-33496
Sample Name: Vermont Muscle
Sample Lot: SCLT0023-017-F1
Sample Matrix: Flower
Date Received: 7/10/2026
Date Reported: 7/16/2026
Date Tested: 7/14/2026



Total Terpenes (%) : 2.2656

Dominant Terpenes (%)

Myrcene	1.2612
Limonene	0.4895
beta-caryophyllene	0.1782
alpha-Humulene	0.0921
beta-Pinene	0.0843

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #110432

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0529	0.529	0.000003	0.001
alpha-Humulene	0.0921	0.921	0.000002	0.001
alpha-Pinene	0.0425	0.425	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0129	0.129	0.000004	0.001
beta-caryophyllene	0.1782	1.782	0.000004	0.001
beta-Pinene	0.0843	0.843	0.000002	0.001
Camphene	0.0128	0.128	0.000001	0.001
Caryophyllene Oxide	0.0113	0.113	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.4895	4.895	0.000002	0.001
Linalool	ND	ND	0.000003	0.001
Nerolidol	0.0279	0.279	0.000007	0.001
Myrcene	1.2612	12.612	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	2.2656	22.656		

Callie Chapman

Callie Chapman
Lab Director
7/16/2026

Rev. 1 Initial Release

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