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Certificate of Analysis



Client Name: VT Green Castle Reserve

License Number: SCLT0023



Sample ID: 20260709-33487

Sample Name: Detroit 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 (%) : 2.2566

Dominant Terpenes (%)

Myrcene	0.6656
Limonene	0.5092
beta-caryophyllene	0.4742
alpha-Humulene	0.246
alpha-Bisabolol	0.1179

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #110387

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1179	1.179	0.000003	0.001
alpha-Humulene	0.246	2.46	0.000002	0.001
alpha-Pinene	0.0419	0.419	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0124	0.124	0.000004	0.001
beta-caryophyllene	0.4742	4.742	0.000004	0.001
beta-Pinene	0.0774	0.774	0.000002	0.001
Camphene	0.0127	0.127	0.000001	0.001
Caryophyllene Oxide	0.0116	0.116	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	0.5092	5.092	0.000002	0.001
Linalool	0.0608	0.608	0.000003	0.001
Nerolidol	0.0269	0.269	0.000007	0.001
Myrcene	0.6656	6.656	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	2.2566	22.566		

Callie Chapman

Callie Chapman
Lab Director
7/16/2026

Rev. 1 Initial Release

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