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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: VT21817

Sample Name: Cobra Chi

Sample Lot: SCLT0023-012

Sample Matrix: Flower

Date Received: 6/18/2025

Date Reported: 6/24/2025

Date Tested: 6/18/2025



Total Terpenes (%) : 0.912

Dominant Terpenes (%)

Myrcene	0.281
Limonene	0.2776
Linalool	0.0772
Guaiol	0.0661
beta-caryophyllene	0.0658

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #71214

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0209	0.209	0.000003	0.001
alpha-Humulene	0.0251	0.251	0.000002	0.001
alpha-Pinene	0.0199	0.199	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0073	0.073	0.000004	0.001
beta-caryophyllene	0.0658	0.658	0.000004	0.001
beta-Pinene	0.0289	0.289	0.000002	0.001
Camphene	0.0049	0.049	0.000001	0.001
Caryophyllene Oxide	0.013	0.13	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	0.0661	0.661	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.2776	2.776	0.000002	0.001
Linalool	0.0772	0.772	0.000003	0.001
Nerolidol	0.0243	0.243	0.000007	0.001
Myrcene	0.281	2.81	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	0.912	9.12		

Callie Chapman

Callie Chapman
Lab Director
6/24/2025

Rev. 1 Initial Release

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