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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: 20250912-24189
Sample Name: Sour Chem Dud
Sample Lot: HL-13
Sample Matrix: Flower
Date Received: 9/12/2025
Date Reported: 9/26/2025
Date Tested: 9/25/2025

Total Terpenes (%) : 2.2883

Dominant Terpenes (%)	
Myrcene	**0.9484**
Ocimene	**0.5497**
Limonene	**0.2316**
beta-caryophyllene	**0.1776**
alpha-Pinene	**0.0834**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #79311

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0143	0.143	0.000003	0.001
alpha-Humulene	0.0746	0.746	0.000002	0.001
alpha-Pinene	0.0834	0.834	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0062	0.062	0.000004	0.001
beta-caryophyllene	0.1776	1.776	0.000004	0.001
beta-Pinene	0.058	0.58	0.000002	0.001
Camphene	< LOQ	< LOQ	0.000001	0.001
Caryophyllene Oxide	0.0248	0.248	0.000011	0.001
Eucalyptol	0.0052	0.052	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	0.2316	2.316	0.000002	0.001
Linalool	0.0773	0.773	0.000003	0.001
Nerolidol	0.0372	0.372	0.000007	0.001
Myrcene	0.9484	9.484	0.000003	0.001
Ocimene	0.5497	5.497	0.000002	0.001
Total Terpenes	**2.2883**	**22.883**		

Callie Chapman
Lab Director
9/26/2025

Rev. 1	Initial Release

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