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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:** VT19857  
**Sample Name:** Blueberry Cupcake  
**Sample Lot:** SCLT0023-011  
**Sample Matrix:** Flower  
**Date Received:** 4/3/2025  
**Date Reported:** 4/14/2025  
**Date Tested:** 4/8/2025



**Total Terpenes (%) : 1.5922**

### Dominant Terpenes (%)

beta-caryophyllene	0.5198
Myrcene	0.2633
alpha-Humulene	0.1638
alpha-Bisabolol	0.1518
Limonene	0.1164

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #64789

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1518	1.518	0.000003	0.001
alpha-Humulene	0.1638	1.638	0.000002	0.001
alpha-Pinene	0.0094	0.094	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0146	0.146	0.000004	0.001
beta-caryophyllene	0.5198	5.198	0.000004	0.001
beta-Pinene	0.0206	0.206	0.000002	0.001
Camphene	< LOQ	< LOQ	0.000001	0.001
Caryophyllene Oxide	0.032	0.32	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	0.0303	0.303	0.000008	0.003
Guaiol	0.1097	1.097	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.1164	1.164	0.000002	0.001
Linalool	0.1023	1.023	0.000003	0.001
Nerolidol	0.0582	0.582	0.000007	0.001
Myrcene	0.2633	2.633	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
<b>Total Terpenes</b>	<b>1.5922</b>	<b>15.922</b>		

*Callie Chapman*

Callie Chapman  
Lab Director  
4/14/2025

Rev. 1 Initial Release

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