



261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis



Client Name: VT Green Castle Reserve
License Number: SCLT0023



Sample ID: VT16989
Sample Name: Blueberry Cupcake
Sample Lot: SCLT0023-010
Sample Matrix: Flower
Date Received: 12/30/2024
Date Reported: 1/7/2025
Date Tested: 12/31/2024



Total Terpenes (%) : 1.9716

Dominant Terpenes (%)

| | |
|--------------------|--------|
| Myrcene | 0.6864 |
| beta-caryophyllene | 0.4788 |
| Limonene | 0.2123 |
| alpha-Humulene | 0.1587 |
| Linalool | 0.1113 |

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #55185

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene | ND | ND | 0.000002 | 0.001 |
| alpha-Bisabolol | 0.0976 | 0.976 | 0.000003 | 0.001 |
| alpha-Humulene | 0.1587 | 1.587 | 0.000002 | 0.001 |
| alpha-Pinene | 0.0167 | 0.167 | 0.000001 | 0.001 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.001 |
| alpha-Terpinolene | 0.0162 | 0.162 | 0.000004 | 0.001 |
| beta-caryophyllene | 0.4788 | 4.788 | 0.000004 | 0.001 |
| beta-Pinene | 0.0349 | 0.349 | 0.000002 | 0.001 |
| Camphene | < LOQ | < LOQ | 0.000001 | 0.001 |
| Caryophyllene Oxide | 0.0259 | 0.259 | 0.000011 | 0.001 |
| Eucalyptol | ND | ND | 0.000002 | 0.001 |
| gamma-Terpinene | ND | ND | 0.000002 | 0.001 |
| Geraniol | 0.0164 | 0.164 | 0.000008 | 0.003 |
| Guaiol | 0.0763 | 0.763 | 0.000007 | 0.001 |
| Isopulegol | ND | ND | 0.000005 | 0.001 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.001 |
| Limonene | 0.2123 | 2.123 | 0.000002 | 0.001 |
| Linalool | 0.1113 | 1.113 | 0.000003 | 0.001 |
| Nerolidol | 0.0401 | 0.401 | 0.000007 | 0.001 |
| Myrcene | 0.6864 | 6.864 | 0.000003 | 0.001 |
| Ocimene | ND | ND | 0.000002 | 0.001 |
| Total Terpenes | 1.9716 | 19.716 | | |

Callie Chapman

Callie Chapman
Lab Director
1/7/2025

Rev. 1 Initial Release

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