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# Certificate of Analysis

**Client Name:** VT Green Castle Reserve  
**License Number:** SCLT0023

**Sample ID:** VT11268  
**Sample Name:** Titty Sprinkles  
**Sample Lot:** SCLT0023-008  
**Sample Matrix:** Flower  
**Date Received:** 7/8/2024  
**Date Reported:** 7/15/2024  
**Date Tested:** 7/10/2024



**Total Terpenes (%) : 2.2811**

| Dominant Terpenes (%) |        |
|-----------------------|--------|
| alpha-Terpinolene     | 0.8139 |
| Myrcene               | 0.2942 |
| beta-caryophyllene    | 0.2604 |
| Limonene              | 0.2536 |
| beta-Pinene           | 0.1239 |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #34186

| Analyte               | Result (%)    | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene              | 0.0401        | 0.401         | 0.000002   | 0.002      |
| alpha-Bisabolol       | 0.0686        | 0.686         | 0.000003   | 0.002      |
| alpha-Humulene        | 0.0906        | 0.906         | 0.000002   | 0.002      |
| alpha-Pinene          | 0.0775        | 0.775         | 0.000001   | 0.002      |
| alpha-Terpinene       | 0.0297        | 0.297         | 0.000001   | 0.002      |
| alpha-Terpinolene     | 0.8139        | 8.139         | 0.000004   | 0.002      |
| beta-caryophyllene    | 0.2604        | 2.604         | 0.000004   | 0.002      |
| beta-Pinene           | 0.1239        | 1.239         | 0.000002   | 0.002      |
| Camphene              | < LOQ         | < LOQ         | 0.000001   | 0.002      |
| Caryophyllene Oxide   | < LOQ         | < LOQ         | 0.000011   | 0.002      |
| Eucalyptol            | < LOQ         | < LOQ         | 0.000002   | 0.002      |
| gamma-Terpinene       | 0.0166        | 0.166         | 0.000002   | 0.002      |
| Geraniol              | 0.0105        | 0.105         | 0.000008   | 0.002      |
| Guaiol                | ND            | ND            | 0.000007   | 0.002      |
| Isopulegol            | ND            | ND            | 0.000005   | 0.002      |
| Isopropyl Toluene     | < LOQ         | < LOQ         | 0.000003   | 0.002      |
| Limonene              | 0.2536        | 2.536         | 0.000002   | 0.002      |
| Linalool              | 0.0388        | 0.388         | 0.000003   | 0.002      |
| Nerolidol             | 0.0586        | 0.586         | 0.000007   | 0.002      |
| Myrcene               | 0.2942        | 2.942         | 0.000003   | 0.002      |
| Ocimene               | 0.1041        | 1.041         | 0.000002   | 0.002      |
| <b>Total Terpenes</b> | <b>2.2811</b> | <b>22.811</b> |            |            |

Callie Chapman  
 Lab Director  
 7/15/2024

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