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# Certificate of Analysis

**Client Name:** Grass Queen  
**License Number:** SCLT0425

**Sample ID:** VT21049  
**Sample Name:** Strawberry Cheesecake - A  
**Sample Lot:** HL-SCLT0425-02-01  
**Sample Matrix:** Flower  
**Date Received:** 5/20/2025  
**Date Reported:** 5/28/2025  
**Date Tested:** 5/22/2025



## Total Terpenes (%) : 2.5362

| Dominant Terpenes (%) |        |
|-----------------------|--------|
| Myrcene               | 0.9171 |
| beta-caryophyllene    | 0.6942 |
| Limonene              | 0.3016 |
| alpha-Humulene        | 0.21   |
| Linalool              | 0.1251 |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #68652

| Analyte               | Result (%)    | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene              | ND            | ND            | 0.000002   | 0.001      |
| alpha-Bisabolol       | 0.1033        | 1.033         | 0.000003   | 0.001      |
| alpha-Humulene        | 0.21          | 2.1           | 0.000002   | 0.001      |
| alpha-Pinene          | 0.0201        | 0.201         | 0.000001   | 0.001      |
| alpha-Terpinene       | ND            | ND            | 0.000001   | 0.001      |
| alpha-Terpinolene     | 0.0062        | 0.062         | 0.000004   | 0.001      |
| beta-caryophyllene    | 0.6942        | 6.942         | 0.000004   | 0.001      |
| beta-Pinene           | 0.0298        | 0.298         | 0.000002   | 0.001      |
| Camphene              | 0.0046        | 0.046         | 0.000001   | 0.001      |
| Caryophyllene Oxide   | 0.0126        | 0.126         | 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                | 0.0855        | 0.855         | 0.000007   | 0.001      |
| Isopulegol            | ND            | ND            | 0.000005   | 0.001      |
| Isopropyl Toluene     | ND            | ND            | 0.000003   | 0.001      |
| Limonene              | 0.3016        | 3.016         | 0.000002   | 0.001      |
| Linalool              | 0.1251        | 1.251         | 0.000003   | 0.001      |
| Nerolidol             | 0.0261        | 0.261         | 0.000007   | 0.001      |
| Myrcene               | 0.9171        | 9.171         | 0.000003   | 0.001      |
| Ocimene               | ND            | ND            | 0.000002   | 0.001      |
| <b>Total Terpenes</b> | <b>2.5362</b> | <b>25.362</b> |            |            |

Callie Chapman  
 Lab Director  
 5/28/2025

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