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# Certificate of Analysis

**Client Name:** Smugglers Notch Cannabis Co.
**License Number:** SCLT0155

**Sample ID:** 20260909-36282
**Sample Name:** Smuggler Notch Sour
**Sample Lot:** 30
**Sample Matrix:** Flower
**Date Received:** 9/9/2026
**Date Reported:** 9/16/2026
**Date Tested:** 9/14/2026



## Total Terpenes (%) : 2.2379

| Dominant Terpenes (%) | |
|---|---|
| **Linalool** | **0.4402** |
| **beta-caryophyllene** | **0.4358** |
| **Limonene** | **0.4071** |
| **Myrcene** | **0.2986** |
| **alpha-Humulene** | **0.1614** |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-020-OA) | Test ID: #119526

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|---|---|---|---|---|
| 3-Carene | ND | ND | 0.000002 | 0.001 |
| alpha-Bisabolol | 0.1264 | 1.264 | 0.000003 | 0.001 |
| alpha-Humulene | 0.1614 | 1.614 | 0.000002 | 0.001 |
| alpha-Pinene | 0.069 | 0.69 | 0.000001 | 0.001 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.001 |
| alpha-Terpinolene | 0.0382 | 0.382 | 0.000004 | 0.001 |
| beta-caryophyllene | 0.4358 | 4.358 | 0.000004 | 0.001 |
| beta-Pinene | 0.1112 | 1.112 | 0.000002 | 0.001 |
| Camphene | 0.0351 | 0.351 | 0.000001 | 0.001 |
| Caryophyllene Oxide | 0.0189 | 0.189 | 0.000011 | 0.001 |
| Eucalyptol | ND | ND | 0.000002 | 0.001 |
| gamma-Terpinene | ND | ND | 0.000002 | 0.001 |
| Geraniol | 0.0387 | 0.387 | 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 | 0.4071 | 4.071 | 0.000002 | 0.001 |
| Linalool | 0.4402 | 4.402 | 0.000003 | 0.001 |
| Nerolidol | 0.0573 | 0.573 | 0.000007 | 0.001 |
| Myrcene | 0.2986 | 2.986 | 0.000003 | 0.001 |
| Ocimene | ND | ND | 0.000002 | 0.001 |
| **Total Terpenes** | **2.2379** | **22.379** | | |

Callie Chapman
Lab Director
9/16/2026

| Rev. 1 | Initial Release |
|---|---|

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