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# Certificate of Analysis

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

**Sample ID:** VT19179  
**Sample Name:** Red Mandarin  
**Sample Lot:** HL-SCLT0425-01-02  
**Sample Matrix:** Flower  
**Date Received:** 3/11/2025  
**Date Reported:** 3/18/2025  
**Date Tested:** 3/14/2025



**Total Terpenes (%) : 1.8454**

Dominant Terpenes (%)	
Myrcene	1.2647
Limonene	0.1514
alpha-Pinene	0.1321
beta-caryophyllene	0.0795
beta-Pinene	0.0634

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #62666

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0363	0.363	0.000003	0.001
alpha-Humulene	0.0422	0.422	0.000002	0.001
alpha-Pinene	0.1321	1.321	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.001
beta-caryophyllene	0.0795	0.795	0.000004	0.001
beta-Pinene	0.0634	0.634	0.000002	0.001
Camphene	< LOQ	< LOQ	0.000001	0.001
Caryophyllene Oxide	0.0094	0.094	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	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.1514	1.514	0.000002	0.001
Linalool	0.041	0.41	0.000003	0.001
Nerolidol	0.0254	0.254	0.000007	0.001
Myrcene	1.2647	12.647	0.000003	0.001
Ocimene	< LOQ	< LOQ	0.000002	0.001
<b>Total Terpenes</b>	<b>1.8454</b>	<b>18.454</b>		

*Callie Chapman*

Callie Chapman  
 Lab Director  
 3/18/2025

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