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Certificate of Analysis

Client Name: VT Green Castle Reserve
License Number: SCLT0023

Sample ID: VT13731
Sample Name: Sugar Magnolia
Sample Lot: SCLT0023-09
Sample Matrix: Flower
Date Received: 10/1/2024
Date Reported: 10/4/2024
Date Tested: 10/2/2024



Total Terpenes (%) : 1.6938

Dominant Terpenes (%)	
Limone	0.5057
beta-caryophyllene	0.4254
alpha-Humulene	0.1622
Linalool	0.1384
Myrcene	0.1383

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #42204

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0092	0.092	0.000003	0.001
alpha-Humulene	0.1622	1.622	0.000002	0.001
alpha-Pinene	0.0902	0.902	0.000001	0.001
alpha-Terpinene	0.003	0.03	0.000001	0.001
alpha-Terpinolene	0.0356	0.356	0.000004	0.001
beta-caryophyllene	0.4254	4.254	0.000004	0.001
beta-Pinene	0.0854	0.854	0.000002	0.001
Camphene	0.0108	0.108	0.000001	0.001
Caryophyllene Oxide	0.0121	0.121	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	< LOQ	< LOQ	0.000002	0.001
Geraniol	< LOQ	< LOQ	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
Limone	0.5057	5.057	0.000002	0.001
Linalool	0.1384	1.384	0.000003	0.001
Nerolidol	0.039	0.39	0.000007	0.001
Myrcene	0.1383	1.383	0.000003	0.001
Ocimene	0.0385	0.385	0.000002	0.001
Total Terpenes	1.6938	16.938		

Callie Chapman

Callie Chapman
 Lab Director
 10/4/2024

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