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Certificate of Analysis

Client Name: VT Green Castle Reserve
License Number: SCLT0023

Sample ID: VT4866
Sample Name: Planet of the Grapes
Sample Lot: SCLT0023-05
Sample Matrix: Flower
Date Received: 11/8/2023
Date Reported: 11/16/2023
Date Tested: 11/13/2023



Total Terpenes (%) : 2.8775

Dominant Terpenes (%)	
beta-caryophyllene	0.8273
Limonene	0.728
Ocimene	0.369
alpha-Humulene	0.2243
beta-Pinene	0.173

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #13110

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.1535	1.535	0.000003	0.002
alpha-Humulene	0.2243	2.243	0.000002	0.002
alpha-Pinene	0.1582	1.582	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.002
beta-caryophyllene	0.8273	8.273	0.000004	0.002
beta-Pinene	0.173	1.73	0.000002	0.002
Camphene	0.0238	0.238	0.000001	0.002
Caryophyllene Oxide	0.0299	0.299	0.000011	0.002
Cineole	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	ND	ND	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.728	7.28	0.000002	0.002
Linalool	0.0749	0.749	0.000003	0.002
Nerolidol	0.0295	0.295	0.000007	0.002
Myrcene	0.0861	0.861	0.000003	0.002
Ocimene	0.369	3.69	0.000002	0.002
Total Terpenes	2.8775	28.775		

Callie Chapman
 Lab Director
 11/16/2023

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