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# Certificate of Analysis

**Client Name:** VT Green Castle Reserve  
**License Number:** SCLT0023

**Sample ID:** VT4871  
**Sample Name:** Spanish Moon  
**Sample Lot:** SCLT0023-05  
**Sample Matrix:** Flower  
**Date Received:** 11/8/2023  
**Date Reported:** 11/16/2023  
**Date Tested:** 11/13/2023



## Total Terpenes (%) : 2.1521

Dominant Terpenes (%)	
Myrcene	0.6641
Limonene	0.5969
beta-caryophyllene	0.3272
alpha-Humulene	0.1453
Linalool	0.1353

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #13135

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.049	0.49	0.000003	0.002
alpha-Humulene	0.1453	1.453	0.000002	0.002
alpha-Pinene	0.0553	0.553	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.002
beta-caryophyllene	0.3272	3.272	0.000004	0.002
beta-Pinene	0.1121	1.121	0.000002	0.002
Camphene	0.0175	0.175	0.000001	0.002
Caryophyllene Oxide	0.0137	0.137	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	0.5969	5.969	0.000002	0.002
Linalool	0.1353	1.353	0.000003	0.002
Nerolidol	0.0357	0.357	0.000007	0.002
Myrcene	0.6641	6.641	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
<b>Total Terpenes</b>	<b>2.1521</b>	<b>21.521</b>		

Callie Chapman  
 Lab Director  
 11/16/2023

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