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# Certificate of Analysis

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

**Sample ID:** VT4870  
**Sample Name:** Miami Mami  
**Sample Lot:** SCLT0023-05  
**Sample Matrix:** Flower  
**Date Received:** 11/8/2023  
**Date Reported:** 11/16/2023  
**Date Tested:** 11/13/2023



## Total Terpenes (%) : 1.6979

Dominant Terpenes (%)	
beta-caryophyllene	0.7039
Limonene	0.3488
Linalool	0.1846
alpha-Humulene	0.1813
Myrcene	0.0809

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #13130

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.075	0.75	0.000003	0.002
alpha-Humulene	0.1813	1.813	0.000002	0.002
alpha-Pinene	0.0239	0.239	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.002
beta-caryophyllene	0.7039	7.039	0.000004	0.002
beta-Pinene	0.0478	0.478	0.000002	0.002
Camphene	< LOQ	< LOQ	0.000001	0.002
Caryophyllene Oxide	0.0162	0.162	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	0.3488	3.488	0.000002	0.002
Linalool	0.1846	1.846	0.000003	0.002
Nerolidol	0.0355	0.355	0.000007	0.002
Myrcene	0.0809	0.809	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
<b>Total Terpenes</b>	<b>1.6979</b>	<b>16.979</b>		

Callie Chapman  
 Lab Director  
 11/16/2023

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