



261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
 info@onwardanalytics.biz

Certificate of Analysis

Client Name: VT Green Castle Reserve
License Number: SCLT0023

Sample ID: VT11269
Sample Name: Sugar Magnolia
Sample Lot: SCLT0023-008
Sample Matrix: Flower
Date Received: 7/8/2024
Date Reported: 7/15/2024
Date Tested: 7/10/2024



Total Terpenes (%) : 1.6928

Dominant Terpenes (%)	
beta-caryophyllene	0.4609
Limonene	0.4202
Myrcene	0.1942
alpha-Humulene	0.1673
Linalool	0.1477

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #34191

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.0112	0.112	0.000003	0.002
alpha-Humulene	0.1673	1.673	0.000002	0.002
alpha-Pinene	0.0685	0.685	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	0.0271	0.271	0.000004	0.002
beta-caryophyllene	0.4609	4.609	0.000004	0.002
beta-Pinene	0.0863	0.863	0.000002	0.002
Camphene	0.013	0.13	0.000001	0.002
Caryophyllene Oxide	0.0122	0.122	0.000011	0.002
Eucalyptol	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	0.0116	0.116	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	0.4202	4.202	0.000002	0.002
Linalool	0.1477	1.477	0.000003	0.002
Nerolidol	0.0335	0.335	0.000007	0.002
Myrcene	0.1942	1.942	0.000003	0.002
Ocimene	0.0391	0.391	0.000002	0.002
Total Terpenes	1.6928	16.928		

Callie Chapman
 Lab Director
 7/15/2024

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