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Colchester, VT 05446
License #: TLAB0030
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Certificate of Analysis

Client Name: VT Green Castle Reserve
License Number: SCLT0023



Sample ID: 20260709-33490

Sample Name: Sub Zero

Sample Lot: SCLT0023-017-F1

Sample Matrix: Flower

Date Received: 7/10/2026

Date Reported: 7/16/2026

Date Tested: 7/14/2026

Total Cannabinoids

	%	mg/g
Total THC:	23.379	233.791
Total CBD:	--	--
Total Cannabinoids:	28.295	282.952

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-102-OA) | Test ID: #110400

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	ND	ND	ND	ND	0.0009	0.0040
CBGA	0.766	7.658	0.688	6.879	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.416	4.160	0.374	3.737	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	26.184	261.837	23.521	235.208	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	0.930	9.297	0.835	8.351	0.0002	0.0040

* Measurements of uncertainty available on request

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-120-OA) | Test ID: #110401

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.17	13.00	
Water Activity	0.44	0.65	PASS

Callie Chapman

Callie Chapman
Lab Director
7/16/2026

Rev. 1 Initial Release

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