



261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
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Certificate of Analysis

Client Name: VT Green Castle Reserve
License Number: SCLT0023

Sample ID: 20260709-33493

Sample Name: Permanent Damage

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:	29.177	291.772
Total CBD:	--	--
Total Cannabinoids:	34.534	345.336

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: #110415

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	ND	ND	ND	ND	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.309	13.093	1.176	11.761	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	0.321	3.208	0.288	2.882	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	32.904	329.035	29.557	295.572	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	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: #110416

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.17	13.00	PASS
Water Activity	0.42	0.65	

Callie Chapman

Callie Chapman
Lab Director
7/16/2026

Rev. 1 Initial Release

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