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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: VT22506

Sample Name: Cobra Chi

Sample Lot: SCLT0023-012

Sample Matrix: Flower

Date Received: 7/16/2025

Date Reported: 7/24/2025

Date Tested: 7/18/2025



Total Cannabinoids

	%	mg/g
Total THC:	22.391	223.908
Total CBD:	--	--
Total Cannabinoids:	26.496	264.963

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-024-OA) | Test ID: #73629

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	< LOQ	< LOQ	< LOQ	< LOQ	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	1.0863	10.863	0.9692	9.692	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.8633	8.633	0.7702	7.702	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	24.5467	245.467	21.9006	219.006	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #73630

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.78	13.00	
Water Activity	0.47	0.65	PASS

Callie Chapman
Lab Director
7/24/2025

Rev. 1 Initial Release

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