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## **Certificate of Analysis**

Client Name: VT Green Castle Reserve

License Number: SCLT0023

Sample ID: VT2510

Sample Name: Crescendo Sample Lot: SCLT0023-04 Sample Matrix: Flower **Date Received: 7/24/2023** Date Reported: 8/3/2023 Date Tested: 8/1/2023



Total Cannabinoids						
	%	mg/g				
Total THC:	25.478	254.780				
Total CBD:						
Total Cannabinoids:	29.728	297.281				

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: #4957

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	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.7215	7.215	0.6306	6.306	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	0.3185	3.185	0.2783	2.783	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	28.6881	286.881	25.0734	250.734	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-202-0A) | Test ID: #4958

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.60	13.00	PASS
Water Activity	0.58	0.65	

