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: 20250912-24189
Sample Name: Sour Chem Dud
Sample Lot: HL-13
Sample Matrix: Flower
Date Received: 9/12/2025
Date Reported: 9/23/2025
Date Tested: 9/16/2025

Total Cannabinoids

	%	mg/g
Total THC:	**20.110**	**201.099**
Total CBD:	**--**	**--**
Total Cannabinoids:	**24.130**	**241.302**

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: #79309

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	0.8397	8.397	0.7492	7.492	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	0.7804	7.804	0.6963	6.963	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	22.0405	220.405	19.6667	196.667	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	0.4696	4.696	0.4191	4.191	0.0002	0.0040

Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #79310

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.77	13.00	
Water Activity	0.46	0.65	PASS

Callie Chapman
Lab Director
9/23/2025

Rev. 1	Initial Release

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.