261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis

Client Name: Smugglers Notch Cannabis Co.
License Number: SCLT0155

Sample ID: 20261020-38814
Sample Name: Smugglers Notch Sour
Sample Lot: 31-001
Sample Matrix: Flower
Date Received: 10/20/2026
Date Reported: 10/29/2026
Date Tested: 10/26/2026



Total Cannabinoids

	%	mg/g
Total THC:	**26.024**	**260.241**
Total CBD:	**--**	**--**
Total Cannabinoids:	**30.135**	**301.346**

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: #127939**

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	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.515	5.151	0.463	4.626	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	0.388	3.882	0.349	3.486	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	29.231	292.313	26.250	262.497	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: #127940**

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.20	13.00	
Water Activity	0.43	0.65	PASS

Callie Chapman
Lab Director
10/29/2026

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; (e) OA does not utilize decision rules, results are reported as simple acceptance. MOU is not taken into account for statements of conformity (e.g. regulatory action limits "pass/fail"); and (f) 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.