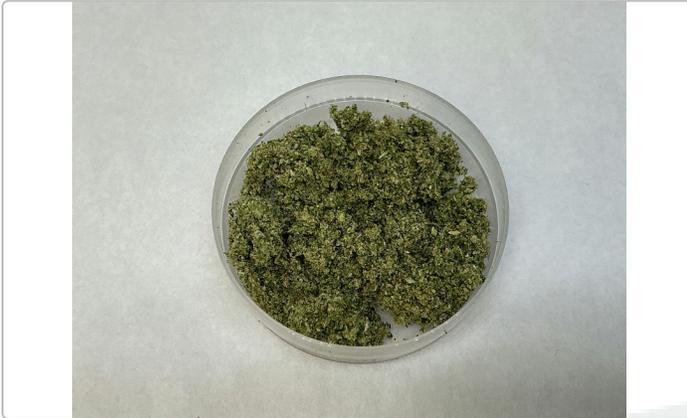


## Smugglers Notch Sour

**Sample ID:** BIA260220S0411  
**Strain:** Smugglers Notch Sour  
**Harvest Lot:** SCLT0155-26-001  
**Matrix:** Plant  
**Type:** Flower - Cured  
**Sample Size:** 7.36 g  
**Lot#:** SCLT0155-26-001

**Produced:**  
**Collected:**  
**Received:** 02/20/2026  
**Completed:** 03/04/2026  
**Batch#:** SCLT0155-26-001

**Client:**  
**Smugglers Notch Cannabis**  
**Lic. #** SCLT0155  
 662 Irish Settlement Rd  
 Underhill, VT 05489



### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/25/2026	Complete
Moisture	02/23/2026	6.80% - Complete
Water Activity	02/23/2026	0.234 aw - Complete
Terpenes	02/26/2026	Complete
Microbials	02/26/2026	Complete
Pesticides	02/25/2026	Complete

### Cannabinoids

Completed

21.75%			0.08%			26.55%				
Total THC			Total CBD			Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving	
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ		
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ		
CBDa	0.0005	0.10	1.0		Δ9-THC	0.0005	0.38	3.8		
CBGa	0.0005	0.74	7.4		Δ8-THC	0.0003	<LOQ	<LOQ		
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	0.54	5.4		
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ		
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ		
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	24.37	243.7		
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.21	2.1		
THCVa	0.0003	0.20	2.0		CBLa	0.0005	<LOQ	<LOQ		
CBN	0.0005	<LOQ	<LOQ		<b>Total THC</b>		<b>21.75</b>	<b>217.54</b>		
					<b>Total CBD</b>		<b>0.08</b>	<b>0.84</b>		
					<b>Total</b>		<b>26.55</b>	<b>265.49</b>		<b>0.00</b>

Analyst: 048

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (&lt;LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

\*The result is the sum of delta-10 isomers.




Luke Emerson-Mason  
 Laboratory Director  
 03/04/2026

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## Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Linalool	0.010	3.249	0.325
β-Myrcene	0.010	2.636	0.264
Limonene	0.010	2.573	0.257
β-Caryophyllene	0.010	2.044	0.204
β-Pinene	0.010	1.356	0.136
α-Humulene	0.010	1.235	0.124
α-Pinene	0.010	1.007	0.101
Camphene	0.010	0.317	0.032
α-Bisabolol	0.010	0.214	0.021
Terpinolene	0.010	0.143	0.014
trans-Ocimene	0.010	0.113	0.011
cis-Ocimene	0.010	0.111	0.011
Geraniol	0.010	0.066	0.007
p-Cymene	0.010	0.035	0.004
γ-Terpinene	0.010	0.015	0.002
α-Terpinene	0.010	0.013	0.001
3-Carene	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
<b>Total</b>		<b>15.126</b>	<b>1.513</b>

## Primary Aromas



Analyst: 063

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




Luke Emerson-Mason  
 Laboratory Director  
 03/04/2026

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### Pesticides

Completed

Category 1 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Chlorpyrifos	0.0003	0.0010	ND
Imazalil	0.0003	0.0010	ND
Category 2 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Abamectin	0.0003	0.0010	ND
Acephate	0.001	0.0050	ND
Acequinocyl	0.0003	0.0010	ND
Azoxystrobin	0.00005	0.0010	ND
Bifenazate	0.0001	0.0010	ND
Bifenthrin	0.0001	0.0010	ND
Carbaryl	0.0001	0.0010	ND
Cypermethrin	0.001	0.0050	ND
Etoxazole	0.0001	0.0010	ND
Imidacloprid	0.00005	0.0010	ND
Myclobutanil	0.0001	0.0010	ND
Pyrethrins	0.001	0.0050	ND
Spinosyn A	0.0001	0.0010	ND
Spinosyn D	0.0003	0.0010	ND

Analyst: 062

Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

LOQ = The lowest quantity this method can reliably quantify. Any pesticides or mycotoxins that were not quantifiable are less than the stated LOQ (&lt;LOQ).

ppm = parts per million

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

ND = Not Detected (&lt;LOD)




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## Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 049

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes




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