



Certificate of Analysis

Company: Smugglers Notch Cannabis Co

Sample ID: Smugglers Notch Sour

662 Irish Settlement Rd Lot: SCLT0155--8

Jericho, VT 05489 **Matrix:** Flower

Grower License #: SCLT0155 Date Received: 1/2/2024 Report ID: C240102AA

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDV	0.0012	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDA	0.0008	1.01	0.10
CBGA	0.0008	8.93	0.89
CBG	0.0019	1.97	0.20
CBD	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THCV	0.0021	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBN	0.0013	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ9-ΤΗС	0.0020	4.63	0.46
Δ8-ΤΗС	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	299.92	29.99
СВС	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		267.66	26.77
Total CBD		0.89	0.09
Total Cannabinoids		316.46	31.65

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:

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 (<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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ Total THC MU = $\pm 0.007\%$

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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26.77%

Total THC

0.09%

Report Date: 1/11/2024

Date Analyzed: 1/4/2024

Total CBD

31.65%

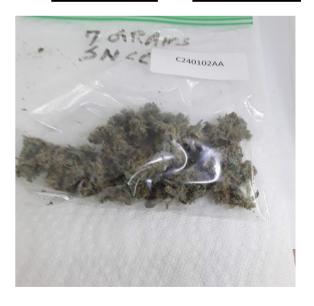
Total Cannabinoids 0.46%

Δ9-ΤΗС

9.39%

Percent Moisture 1:0

THC : CBD Ratio



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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Report ID: C240102AA

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 662 Irish Settlement Rd
 Lot: SCLT0155--8
 Report Date: 1/11/2024

 Jericho, VT 05489
 Matrix: Flower
 Date Analyzed: 1/3/2024

 230117-2
 Date Sampled: 1/2/2024
 Analyst: 052

Customer ID: 230117-2 Date Sampled: 1/2/2024 Grower License #: SCLT0155 Date Received: 1/2/2024

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.3716



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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Certified by: ______Luke Emerson Mason (Laboratory Director, Bia Diagnostics)