

Customer ID: 230117-2

Grower License #: SCLT0155

Office: 802-540-0148 | Fax: 802-540-0147 480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis

Company: Smugglers Notch Cannabis Co Sample ID: Cherry Triangle Kush

Lot: 9

Report Date: 3/7/2024

Matrix: Flower

Date Analyzed: 3/6/2024

Date Sampled: N/A

Analyst: 057 Report ID: C240301BA

0.08%

Total CBD

Date Received: 3/1/2024

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	0.95	0.09
CBGA	0.0008	8.50	0.85
CBG	0.0019	2.25	0.23
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	4.96	0.50
Δ8-THC	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	264.08	26.41
CBC	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		236.56	23.66
Total CBD		0.83	0.08
Total Cannabinoids		280.74	28.07

Total **Cannabinoids**

28.07%

23.66%

Total THC

Percent

11.02%

0.5%

Δ9-ΤΗС

1:0

THC: CBD Ratio

Moisture



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:

Total CBD = (CBDA x 0.877) + CBD Total THC = (THCA x 0.877) + $\Delta 9$ -THC Ratio of Total CBD: Total THC Reagent Blanks: < 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 (<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. $\Delta 9$ -THC MU = ±0.005% Total THC MU = ±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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Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



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Customer ID: 230117-2 Date Sampled: N/A
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Report Date: 3/7/2024 **Date Analyzed:** 3/4/2024

Analyst: 048

Report ID: C240301BA

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.4601



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

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