

Certificate of Analysis

Company: Top 1 Co.

Sample ID: Pluto

Lot: HL-SCLT0080-5-001

Report Date: 4/25/2024

Matrix: Flower

Date Analyzed: 4/23/2024

Customer ID: 221222-0

Date Sampled: N/A

Analyst: 057

Grower License #: SCLT0080

Date Received: 4/19/2024

Report ID: C240419BO

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	9.74	0.97
CBG	0.0019	0.56	0.06
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	15.36	1.54
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	198.19	19.82
CBC	0.0024	<LOQ	<LOQ
Total THC		189.18	18.92
Total CBD		<LOQ	<LOQ
Total Cannabinoids		223.86	22.39

18.92%

Total THC

<LOQ

Total CBD

22.39%

**Total
Cannabinoids**

1.54%

Δ9-THC

12.06%

**Percent
Moisture**

N/A

**THC : CBD
Ratio**

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 THC = (THCA × 0.877) + Δ9-THC

Total CBD = (CBDA × 0.877) + CBD

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.

Δ9-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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Certified by:



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

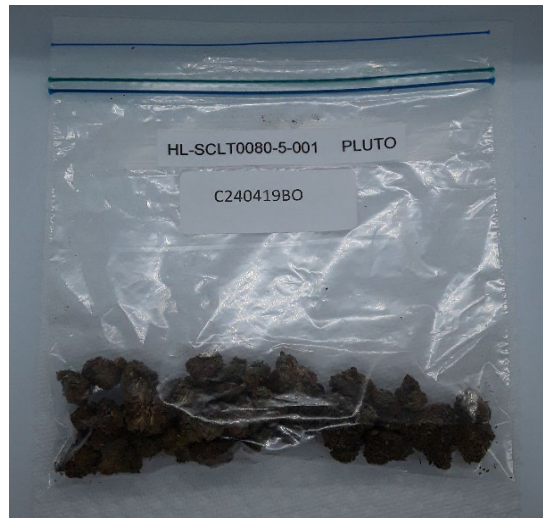


Certificate of Analysis

Company: Top 1 Co.**Sample ID:** Pluto**Lot:** HL-SCLT0080-5-001**Matrix:** Flower**Report Date:** 4/25/2024**Date Analyzed:** 4/22/2024**Analyst:** 052**Report ID:** C240419BO**Customer ID:** 221222-0**Date Sampled:** N/A**Date Received:** 4/19/2024**Grower License #:** SCLT0080

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.3798



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

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