



## **Certificate of Analysis**

Company: Weed Connections Sample ID: Lemon Jeffery

> 166 Terra Lane Lot: #7

Mendon, VT 05701 Matrix: Flower Date Analyzed: 4/5/2024

Customer ID: 221028-4 Date Sampled: N/A Analyst: 057

Grower License #: SCLT0169 **Date Received: 3/29/2024** Report ID: C240329AA

## 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	0.82	80.0
CBGA	0.0008	8.54	0.85
CBG	0.0019	1.28	0.13
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	15.10	1.51
Δ8-ΤΗС	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	310.88	31.09
СВС	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		287.74	28.77
Total CBD		0.72	0.07
Total Cannabinoids		336.62	33.66

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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28.77%

**Total THC** 

0.07%

**Report Date: 4/9/2024** 

**Total CBD** 

33.66%

Total **Cannabinoids**  1.51%

Δ9-ΤΗС

12.04%

**Percent** Moisture 1:0

THC: CBD Ratio



Luke K.M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



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166 Terra Lane

Mendon, VT 05701

**Customer ID: 221028-4** Grower License #: SCLT0169

Sample ID: Lemon Jeffery

Lot: #7 Matrix: Flower

Date Sampled: N/A

**Date Received: 3/29/2024** 

Report Date: 4/9/2024

Date Analyzed: 4/2/2024 Analyst: 048

Report ID: C240329AA

## Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.4620



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)