

Lemon Jeffery

 Sample ID: BIA241017S0001
 Strain: Lemon Jeffery

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 3.7 g
 Lot#:

 Produced:
 Collected:
 Received: 10/17/2024
 Completed: 10/24/2024
 Batch#:

 Client
Weed Connections
 Lic. # SCLT0169
 166 Terra Lane
 Mendon, VT 05701


Summary

| Test | Date Tested | Result |
|----------------|-------------|---------------------|
| Sample | | Complete |
| Cannabinoids | 10/22/2024 | Complete |
| Moisture | 10/17/2024 | 10.20% - Complete |
| Water Activity | 10/17/2024 | 0.505 aw - Complete |
| Terpenes | 10/24/2024 | Complete |
| Microbials | 10/24/2024 | Complete |

Cannabinoids

Completed

| 25.32% | | 0.04% | | 29.38% | |
|------------------|--------|--------------|---------------|--------------------|--|
| Total THC | | Total CBD | | Total Cannabinoids | |
| Analyte | LOQ | Results | Results | Mass | |
| | mg/g | % | mg/g | mg/serving | |
| CBDVa | 0.0005 | <LOQ | <LOQ | | |
| CBDV | 0.0012 | <LOQ | <LOQ | | |
| CBDa | 0.0008 | 0.05 | 0.5 | | |
| CBGa | 0.0008 | 0.84 | 8.4 | | |
| CBG | 0.0019 | 0.11 | 1.1 | | |
| CBD | 0.0019 | <LOQ | <LOQ | | |
| THCV | 0.0021 | <LOQ | <LOQ | | |
| CBN | 0.0013 | <LOQ | <LOQ | | |
| Δ9-THC | 0.0020 | 3.52 | 35.2 | | |
| Δ8-THC | 0.0019 | <LOQ | <LOQ | | |
| Δ10-THC | 0.0002 | <LOQ | <LOQ | | |
| CBC | 0.0024 | <LOQ | <LOQ | | |
| THCa | 0.0034 | 24.86 | 248.6 | | |
| Total THC | | 25.32 | 253.23 | | |
| Total CBD | | 0.04 | 0.43 | | |
| Total | | 29.38 | 293.78 | 0.00 | |

Analyst: 056

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: < 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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




 Luke Emerson-Mason
 Laboratory Director
 10/24/2024

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Pathogens

Completed

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

Analyst: 018

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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LM & GT

 Sample ID: BIA24101750004
 Strain: Harvest Lot

 Produced:
 Collected:
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 Completed: 10/24/2024
 Batch#:

 Client:
Weed Connections
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 166 Terra Lane
 Mendon, VT 05701

 Matrix: Plant
 Type: Flower - Cured
 Sample Size:
 Lot#:

Pesticides

Completed

| Category 1 Pesticides | LOQ | Results |
|-----------------------|--------|---------|
| | PPM | PPM |
| Chlorpyrifos | 0.0010 | <LOQ |
| Imazalil | 0.0010 | <LOQ |
| Category 2 Pesticides | LOQ | Results |
| | PPM | PPM |
| Abamectin | 0.0100 | <LOQ |
| Acephate | 0.0010 | <LOQ |
| Acequinocyl | 0.0010 | <LOQ |
| Azoxystrobin | 0.0010 | <LOQ |
| Bifenazate | 0.0010 | <LOQ |
| Bifenthrin | 0.0010 | <LOQ |
| Carbaryl | 0.0010 | <LOQ |
| Cypermethrin | 0.0100 | <LOQ |
| Etoxazole | 0.0010 | <LOQ |
| Imidacloprid | 0.0010 | <LOQ |
| Myclobutanil | 0.0010 | <LOQ |
| Spinosyn A | 0.0010 | <LOQ |
| Spinosyn D | 0.0010 | <LOQ |

Analyst: 056

Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme Q5ight® LX50 UHPLC and Q5ight 220 Mass Spectrometer

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

ppm = parts per million

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




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Terpenes

Completed

| Analyte | LOQ | Results | Results |
|---------------------|-------|---------------|--------------|
| | mg/g | mg/g | % |
| Terpinolene | 0.010 | 3.308 | 0.331 |
| β-Caryophyllene | 0.010 | 2.877 | 0.288 |
| β-Myrcene | 0.010 | 2.527 | 0.253 |
| α-Pinene | 0.010 | 2.185 | 0.219 |
| β-Pinene | 0.010 | 1.034 | 0.103 |
| α-Humulene | 0.010 | 0.906 | 0.091 |
| Ocimene | 0.010 | 0.740 | 0.074 |
| Limonene | 0.010 | 0.662 | 0.066 |
| 3-Carene | 0.010 | 0.457 | 0.046 |
| Linalool | 0.010 | 0.393 | 0.039 |
| α-Terpinene | 0.010 | 0.167 | 0.017 |
| γ-Terpinene | 0.010 | 0.152 | 0.015 |
| Guaiol | 0.010 | 0.146 | 0.015 |
| Eucalyptol | 0.010 | 0.136 | 0.014 |
| Camphene | 0.010 | 0.044 | 0.004 |
| Caryophyllene Oxide | 0.010 | 0.030 | 0.003 |
| α-Bisabolol | 0.010 | 0.020 | 0.002 |
| cis-Nerolidol | 0.010 | <LOQ | <LOQ |
| Geraniol | 0.010 | <LOQ | <LOQ |
| Isopulegol | 0.010 | <LOQ | <LOQ |
| p-Cymene | 0.010 | <LOQ | <LOQ |
| trans-Nerolidol | 0.010 | <LOQ | <LOQ |
| Total | | 15.785 | 1.579 |

Primary Aromas

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| Turpentine | Cinnamon | Hops | Pine | Earthy |

Analyst: 048

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

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