


Certificate of Analysis

| | | | | |
|---|-----------------------------|----------------------------|---------------------------|---------------------|
|  | Sample Name: | öNLē 300 mg/15 mL Tincture | FESA Lab Sample: | ONLE-2400323-2 |
| | Manufacturer: | öNLē ORGANICS | Receipt Date: | 3/23/2020 |
| | Lot Number: | 020_112 | Receipt Condition: | Ambient Temperature |
| | Sample Serving Size: | N/A | Login Date: | 3/23/2020 |
| | Description: | Tincture | Date Started: | 3/23/2020 |

| Analysis | LOQ (%) | Mass (%) | Mass (mg/g) | Mass (mg/unit) |
|--|---------|-------------|--------------|----------------|
| Cannabinoid Profile | | | | |
| CBDV | 0.00025 | 0.02 | 0.20 | 3.00 |
| CBG | 0.00025 | 0.05 | 0.50 | 7.50 |
| CBD | 0.00025 | 2.20 | 22.00 | 330.00 |
| CBDA | 0.00025 | ND | ND | ND |
| CBN | 0.00025 | ND | ND | ND |
| Delta 9-THC | 0.00025 | ND | ND | ND |
| Delta 8-THC | 0.00025 | ND | ND | ND |
| CBC | 0.00025 | ND | ND | ND |
| THCA | 0.00025 | ND | ND | ND |
| Total Cannabinoids | | 2.27 | 22.70 | 340.50 |
| Total THC (THC + (THCa x 0.877)) | | ND | ND | ND |
| Total CBD (CBD+ (CBDA x 0.877)) | | 2.20 | 22.00 | 330.00 |

1 Unit = 15 g

| Method References: | Testing Location |
|--------------------|------------------|
|--------------------|------------------|

Cannabinoid Profile (UNODC)

FESALabs - Santa Ana, CA

Official Methods of Analysis, Method 2018.11.AOAC INTERNATIONAL, (Modified), Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva, and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue

United Nations Office on Drugs and Crime - Recommended methods for identification and analysis of cannabis and cannabis products

| Testing Location: |
|-------------------|
|-------------------|

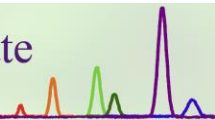
FESALabs

2002 S. Grand Ave., Suite B
Santa Ana, CA 92705
714-549-5050

Nader Nasralla - Lab Manager

ND = not detected or less than limit of quantitation (LOQ).

This test report is responsible for the tested samples only and is for research use only. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of FESALabs.



Certificate ID: **78372**

Received: **2/28/20**

Scan QR Code for authenticity



ōNLē ORGANICS

Client Sample ID: **Onle Broad Spectrum Tincture**

Lot Number: **O20_112**

Matrix: **Tincture/Infused Oil - MCT Oil**

| | | |
|---|-----------------------------------|-------------------|
| Authorization: Jon Podgorni, Lead Research Chemist | Signature: <i>Jon Podgorni</i> | Date: 3/5/2020 |
|---|-----------------------------------|-------------------|



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: *JFD*

Test Date: *3/2/2020*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

78372-CN

| ID | Weight % | Concentration (mg/mL) | | | |
|---------|----------|-----------------------|----|--------------------|------|
| D9-THC | ND | ND | | | |
| THCV | ND | ND | | | |
| CBD | 1.91 | 17.71 | | | |
| CBDV | 0.02 | 0.15 | | | |
| CBG | 0.01 | 0.12 | | | |
| CBC | ND | ND | | | |
| CBN | ND | ND | | | |
| THCA | ND | ND | | | |
| CBDA | ND | ND | | | |
| CBGA | ND | ND | | | |
| D8-THC | ND | ND | | | |
| exo-THC | ND | ND | | | |
| Total | 1.94 | 17.98 | 0% | Cannabinoids (wt%) | 1.9% |
| Max THC | ND | ND | | | |
| Max CBD | 1.91 | 17.71 | | | |

Limit of Quantitation (LOQ) = 0.01 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is half of LOQ.

PST: Pesticide Analysis [WI-10-11]*Analyst: CJR**Test Date: 3/5/2020*

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

78372-PST

| Analyte | CAS | Result | Units | LLD | Limits (ppb) | Status |
|--------------------|-------------|--------|-------|-------|--------------|--------|
| Abamectin | 71751-41-2 | ND | ppb | 0.2 | 300 | PASS |
| Azoxystrobin | 131860-33-8 | ND | ppb | 0.10 | 40000 | PASS |
| Bifenazate | 149877-41-8 | ND | ppb | 0.10 | 5000 | PASS |
| Bifenthrin | 82657-04-3 | ND | ppb | 0.20 | 500 | PASS |
| Cyfluthrin | 68359-37-5 | ND | ppb | 0.50 | 1000 | PASS |
| Daminozide | 1596-84-5 | ND | ppb | 10.00 | 10 | * |
| Etoxazole | 153233-91-1 | ND | ppb | 0.10 | 1500 | PASS |
| Fenoxycarb | 72490-01-8 | ND | ppb | 0.10 | 10 | PASS |
| Imazalil | 35554-44-0 | ND | ppb | 0.10 | 10 | PASS |
| Imidacloprid | 138261-41-3 | ND | ppb | 0.10 | 3000 | PASS |
| Myclobutanil | 88671-89-0 | ND | ppb | 0.10 | 9000 | PASS |
| Paclobutrazol | 76738-62-0 | ND | ppb | 0.10 | 10 | PASS |
| Piperonyl butoxide | 51-03-6 | ND | ppb | 0.10 | 8000 | PASS |
| Pyrethrin | 8003-34-7 | ND | ppb | 0.1 | 1000 | PASS |
| Spinosad | 168316-95-8 | ND | ppb | 0.1 | 3000 | PASS |
| Spiromesifen | 283594-90-1 | ND | ppb | 0.10 | 12000 | PASS |
| Spirotetramat | 203313-25-1 | ND | ppb | 0.10 | 13000 | PASS |
| Trifloxystrobin | 141517-21-7 | ND | ppb | 0.10 | 30000 | PASS |

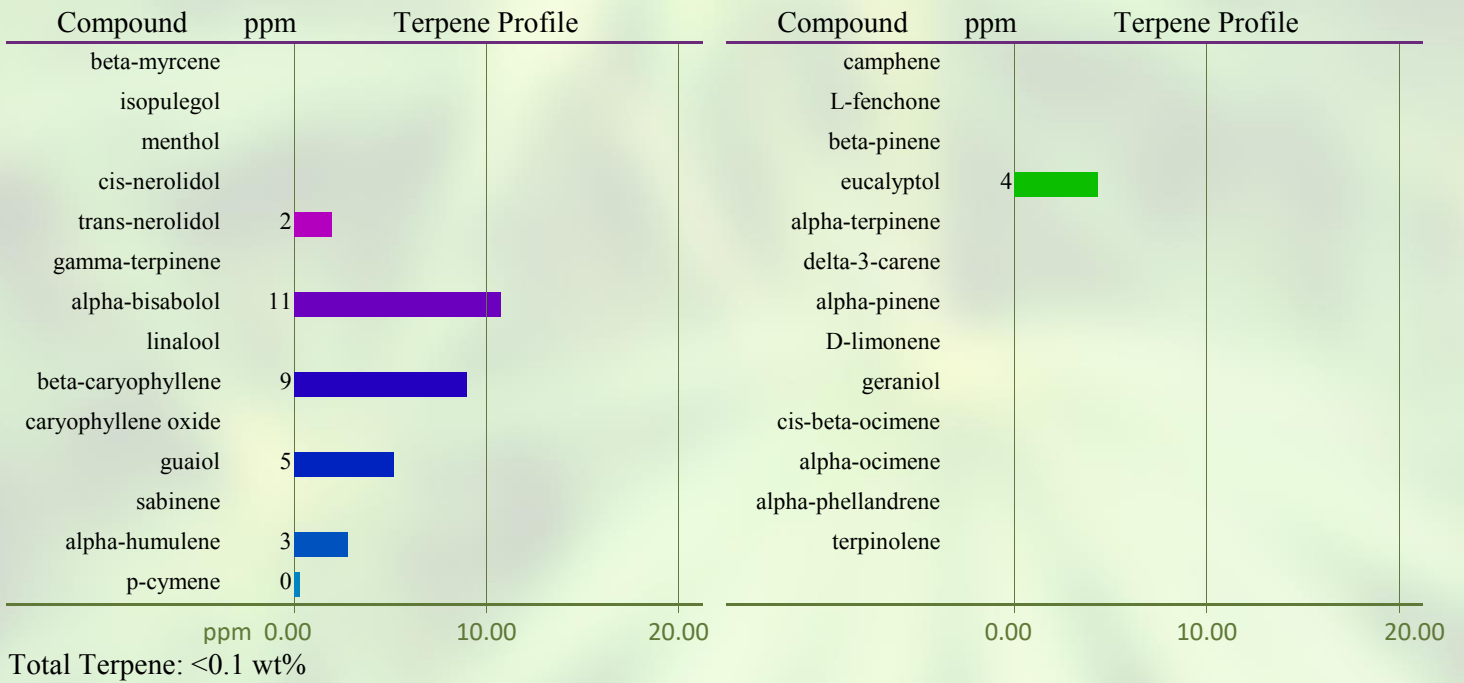
* Testing limits for ingestion established by the State of California: CCR, Title 16, Division 42, Chapter 5, Section 5313. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

TP: Terpenes Profile [WI-10-27]

Analyst: JR

Test Date: 3/2/2020

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations. All values are semiquantitative estimates based on recorded peak areas relative to terpene calibration data.

78372-TP

VC: Analysis of Volatile Organic Compounds [WI-10-28]

Analyst: JR

Test Date: 2/28/2020

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

78372-VC

| Compound | CAS | Amount ¹ | Limit ² | RL | Status |
|--------------|----------|---------------------|--------------------|-----|--------|
| Propane | 74-98-6 | ND | 1,000 ppm | 100 | PASS |
| Isobutane | 75-28-5 | ND | 1,000 ppm | 100 | PASS |
| Butane | 106-97-8 | ND | 1,000 ppm | 100 | PASS |
| Methanol | 67-56-1 | ND | 3,000 ppm | 100 | PASS |
| Pentane | 109-66-0 | ND | 5,000 ppm | 100 | PASS |
| Ethanol | 64-17-5 | ND | 5,000 ppm | 100 | * |
| Acetone | 67-64-1 | ND | 5,000 ppm | 100 | PASS |
| Isopropanol | 67-63-0 | ND | 5,000 ppm | 100 | PASS |
| Acetonitrile | 75-05-8 | ND | 410 ppm | 100 | PASS |
| Hexane | 110-54-3 | ND | 290 ppm | 100 | PASS |
| Heptane | 142-82-5 | ND | 5,000 ppm | 100 | PASS |

1) ND = Not detected at a level greater than the Reporting Limit (RL).

2) In ppm, based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health for cannabis concentrates and extracts on 3/31/16. Butane/Propane limits are based on limits established for state of Colorado.

(*) For ethanol, as many formulations contain flavorings based on ethanol extracts of natural products, no status has been assigned.

END OF REPORT