

## Certificate of Analysis

### Cubbingtion's Cabinet, Classic Tincture, 1,000mg



Business Name:

**CUBBINGTON'S CABINET****Total CBD** 1,055.49 mg/unit**Total THC** ND**Total Cannabinoids** 1,077.09 mg/unit**Total Terpenes** <LOQ

#### Analysis Summary

|  |      |
|--|------|
| Residual Pesticides                      | Pass |
| Residual Solvents & Processing Chemicals | Pass |
| Heavy Metals                             | Pass |

Sample Name:

Cubbingtion's Cabinet, Classic Tincture, 1,000mg

Matrix:

Ingestible

Description:

Tincture

Sample Size:

1 fl oz

Unit Mass:

30 g per unit

Sample ID:

CC202401A/C10583282

Testing ID:

CUBBINGTON-5731222-1

Date Received:

12/22/2023

Approved By:

Marie True, M.S.

Laboratory Manager

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**References:** limit of quantitation (LOQ), not detected (ND), not tested (NT)

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## Cannabinoid Analysis

**Complete**

| Analyte                   | LOQ (%) | Mass (%)     | Mass (mg/g)  | Mass (mg/unit) |
|---------------------------|---------|--------------|--------------|----------------|
| <b>CBDV</b>               | 0.00025 | <b>0.072</b> | <b>0.72</b>  | <b>21.60</b>   |
| <b>CBD</b>                | 0.00025 | <b>3.52</b>  | <b>35.18</b> | <b>1055.49</b> |
| CBG                       | 0.00025 | ND           | ND           | ND             |
| 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             |
| <b>Total CBD</b>          |         | <b>3.52</b>  | <b>35.18</b> | <b>1055.49</b> |
| Total THC                 |         | ND           | ND           | ND             |
| <b>Total Cannabinoids</b> |         | <b>3.59</b>  | <b>35.90</b> | <b>1077.09</b> |

Date Tested: 1/2/2024

Total THC = THCa \* 0.877 + d9-THC + d8-THC

Total CBD = CBDa \* 0.877 + CBD

## Pesticide Analysis

**Pass**

| Analyte            | LOQ (ppm) | Limit (ppm) | Mass (ppm) | Status |
|--------------------|-----------|-------------|------------|--------|
| Abamectin          | 0.050     | 0.100       | ND         | Pass   |
| Bifenazate         | 0.050     | 0.100       | ND         | Pass   |
| Bifenthrin         | 0.050     | 3.000       | ND         | Pass   |
| Boscalid           | 0.050     | 0.100       | ND         | Pass   |
| Ethoprophos        | 0.020     | 0.020       | ND         | Pass   |
| Etoxazole          | 0.050     | 0.100       | ND         | Pass   |
| Imidacloprid       | 0.050     | 5.000       | ND         | Pass   |
| Myclobutanil       | 0.050     | 0.100       | ND         | Pass   |
| Piperonyl Butoxide | 0.050     | 3.000       | ND         | Pass   |
| Pyrethrins         | 0.050     | 0.500       | ND         | Pass   |
| Spinosad           | 0.050     | 0.100       | ND         | Pass   |
| Spiromesifen       | 0.050     | 0.100       | ND         | Pass   |
| Spirotetramat      | 0.050     | 0.100       | ND         | Pass   |

Date Tested: 1/2/2024

# Certificate of Analysis

## Residual Solvents Analysis

**Pass**

| Analyte            | LOQ (µg/g) | Limit (µg/g) | Mass (µg/g) | Status |
|--------------------|------------|--------------|-------------|--------|
| Acetone            | 100        | 5000         | ND          | Pass   |
| Acetonitrile       | 100        | 410          | ND          | Pass   |
| Benzene            | 1          | 1            | ND          | Pass   |
| Butane             | 100        | 5000         | ND          | Pass   |
| Chloroform         | 1          | 1            | ND          | Pass   |
| 1,2-Dichloroethane | 1          | 1            | ND          | Pass   |
| Ethanol            | 100        | 5000         | ND          | Pass   |
| Ethyl Acetate      | 100        | 5000         | ND          | Pass   |
| Ethyl Ether        | 100        | 5000         | ND          | Pass   |
| Ethylene Oxide     | 1          | 1            | ND          | Pass   |
| Heptane            | 100        | 5000         | ND          | Pass   |
| n-Hexane           | 100        | 290          | ND          | Pass   |
| Isopropanol        | 100        | 5000         | <LOQ        | Pass   |
| Methanol           | 100        | 3000         | ND          | Pass   |
| Methylene Chloride | 1          | 1            | ND          | Pass   |
| Pentane            | 100        | 5000         | ND          | Pass   |
| Propane            | 100        | 5000         | ND          | Pass   |
| Toluene            | 100        | 890          | ND          | Pass   |
| Trichloroethylene  | 1          | 1            | ND          | Pass   |
| Xylenes            | 100        | 2170         | ND          | Pass   |

Date Tested: 1/2/2024

## Heavy Metals Analysis

**Pass**

| Analyte | LOQ (µg/g) | Limit (µg/g) | Mass (µg/g) | Status |
|---------|------------|--------------|-------------|--------|
| Arsenic | 0.050      | 0.20         | ND          | Pass   |
| Cadmium | 0.050      | 0.20         | ND          | Pass   |
| Lead    | 0.125      | 0.50         | ND          | Pass   |
| Mercury | 0.025      | 0.10         | ND          | Pass   |

Date Tested: 1/3/2024

## Terpenoid Analysis

**Complete**

| Analyte                 | LOQ (%)       | Mass (%)       | Mass (mg/g)    |
|-------------------------|---------------|----------------|----------------|
| Camphene                | 0.0085        | ND             | ND             |
| <b>3-Carene</b>         | <b>0.0085</b> | <b>&lt;LOQ</b> | <b>&lt;LOQ</b> |
| β-Caryophyllene         | 0.0085        | ND             | ND             |
| p-Cymene                | 0.0085        | ND             | ND             |
| Eucalyptol              | 0.0085        | ND             | ND             |
| <b>Fenchol</b>          | <b>0.0085</b> | <b>&lt;LOQ</b> | <b>&lt;LOQ</b> |
| α-Humulene              | 0.0085        | ND             | ND             |
| δ-Limonene              | 0.0085        | ND             | ND             |
| <b>Linalool</b>         | <b>0.0085</b> | <b>&lt;LOQ</b> | <b>&lt;LOQ</b> |
| β-Myrcene               | 0.0085        | ND             | ND             |
| Nerolidol               | 0.0085        | ND             | ND             |
| α-Pinene                | 0.0085        | ND             | ND             |
| Terpinolene             | 0.0085        | ND             | ND             |
| <b>Total Terpenoids</b> |               | <b>&lt;LOQ</b> | <b>&lt;LOQ</b> |

Date Tested: 1/3/2024

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## Method References:

## Testing Location

### Cannabinoid Profile (UNODC)

FESA Labs - Santa Ana, CA

Official Methods of Analysis, Method 2018.11.AOAC INTERNATIONAL (modified), Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajslova, 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

### Multi-Residue Pesticide Analysis - (AOAC\_200701)

FESA Labs - Santa Ana, CA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

### Residual Solvents Analysis - 20 compounds (USP\_467)

FESA Labs - Santa Ana, CA

USP current revision, Chapter 62.

United States Pharmacopeia, 38th Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015) (modified).

### Heavy Metals Analysis - 4 elements (EPA\_200.8)

FESA Labs - Santa Ana, CA

Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994.

"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version (modified).

## Testing Location:

### FESA Labs

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