

# Certificate of Analysis

## Cubbington's Cabinet, Nighttime Reserve with Melatonin & Vanilla



Business Name:

**CUBBINGTON'S CABINET**



**Total CBD** **718.60 mg/unit**

**Total THC** **ND**

**Total Cannabinoids** **777.61 mg/unit**

**Total Terpenes** **<LOQ**

### Analysis Summary

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

Sample Name:

Cubbington's Cabinet, Nighttime Reserve with Melatonin & Vanilla

Matrix:

Ingestible

Description:

Tincture

Sample Size:

1 fl oz

Unit Mass:

30 g per unit

Sample ID:

CC202210a

Testing ID:

CUBBINGTON-5721018-1

Date Received:

10/18/2022

*Marie*

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)
CBDV	0.00025	ND	ND	ND
<b>CBD</b>	<b>0.00025</b>	<b>2.40</b>	<b>23.95</b>	<b>718.60</b>
<b>CBG</b>	<b>0.00025</b>	<b>0.18</b>	<b>1.83</b>	<b>54.81</b>
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
<b>CBC</b>	<b>0.00025</b>	<b>0.014</b>	<b>0.14</b>	<b>4.20</b>
THCA	0.00025	ND	ND	ND
<b>Total CBD</b>		<b>2.40</b>	<b>23.95</b>	<b>718.60</b>
Total THC		ND	ND	ND
<b>Total Cannabinoids</b>		<b>2.59</b>	<b>25.92</b>	<b>777.61</b>

Date Tested: 10/19/2022

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: 10/20/2022

# Certificate of Analysis

## Residual Solvents Analysis

**Pass**

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Acetone	100	5000	560	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	ND	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: 10/19/2022

## 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: 10/20/2022

## Terpenoid Analysis

**Complete**

Analyte	LOQ (%)	Mass (%)	Mass (mg/g)
Camphene	0.0085	ND	ND
3-Carene	0.0085	ND	ND
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
Linalool	0.0085	ND	ND
β-Myrcene	0.0085	ND	ND
Nerolidol	0.0085	ND	ND
<b>α-Pinene</b>	<b>0.0085</b>	<b>&lt;LOQ</b>	<b>&lt;LOQ</b>
Terpinolene	0.0085	ND	ND
<b>Total Terpenoids</b>		<b>&lt;LOQ</b>	<b>&lt;LOQ</b>

Date Tested: 10/20/2022

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## Method References:

## Testing Location

### Cannabinoid Profile (UNODC)

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

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

*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.

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

USP current revision, Chapter 62.

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

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

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).

**FESA Labs - Santa Ana, CA**

## Testing Location:

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