FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: CC202409T
Date Issued: 10/3/24
Batch Result: **Pass**

Certificate of Analysis

Cubbington's Cabinet, Nighttime Reserve with Melatonin

Business Name:
CUBBINGTON'S CABINET

Total CBD	**631.78 mg/unit**
Total THC	**ND**
Total Cannabinoids	**682.05 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

Matrix:
Ingestible

Description:
Tincture

Sample Size:
1 fl oz

Unit Mass:
30 g per unit

Sample ID:
CC202409T

Testing ID:
CUBBINGTON-5740923-2

Date Received:
9/23/2024

Approved By:
Marie True, M.S.
Laboratory Manager

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

Certificate of Analysis

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/unit)
CBDV	0.0035	0.011	ND	ND	ND
CBD	**0.0030**	**0.0090**	**2.11**	**21.06**	**631.78**
CBG	**0.0038**	**0.011**	**0.17**	**1.68**	**50.27**
CBDA	0.0017	0.0052	ND	ND	ND
CBN	0.00080	0.0024	ND	ND	ND
Delta 9-THC	0.0022	0.0067	ND	ND	ND
Delta 8-THC	0.0020	0.0059	ND	ND	ND
CBC	0.00070	0.0021	ND	ND	ND
THCA	0.0024	0.0073	ND	ND	ND
Total CBD			**2.11**	**21.06**	**631.78**
Total THC			ND	ND	ND
Total Cannabinoids			**2.27**	**22.74**	**682.05**

Date Tested: 9/24/2024

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: 9/26/2024

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	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: 9/27/2024

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: 9/30/2024

Terpenoid Analysis

Complete

Analyte	LOQ (%)	Mass (%)	Mass (mg/g)
Camphene	0.0085	ND	ND
3-Carene	**0.0085**	**<LOQ**	**<LOQ**
ß-Caryophyllene	**0.0085**	**<LOQ**	**<LOQ**
p-Cymene	0.0085	ND	ND
Eucalyptol	0.0085	ND	ND
Fenchol	0.0085	ND	ND
α-Humulene	0.0085	ND	ND
δ-Limonene	0.0085	ND	ND
Linalool	0.0085	ND	ND
ß-Myrcene	0.0085	ND	ND
Nerolidol	0.0085	ND	ND
α-Pinene	0.0085	ND	ND
Terpinolene	0.0085	ND	ND
Total Terpenoids		**<LOQ**	**<LOQ**

Date Tested: 10/2/2024

Certificate of Analysis

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 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

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, 38nd 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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