

Certificate of Analysis

CUBBINGTON-5700720-1

Business Name:

CUBBINGTON'S CABINET



Sample Name: Cubbington's Cabinet, Classic Tincture, 300 mg
Matrix: Ingestible
Type: Tincture
Sample Size: 1 fl oz.
Unit Mass: 30 grams per unit



Sample ID: CC202007a
Testing ID: CUBBINGTON-5700720-1
Date Received: 7/20/2020

Summary
Total THC ND
Total CBD 1.04%
Total Cannabinoids 1.07%

Heavy Metals PASS
Pesticides PASS
Residual Solvents PASS

Reviewed By: Arjay Evangelista, Analyst
Date: 7/24/2020

Approved By: Marie True, M.S., Laboratory Manager
Date: 7/24/2020

Cannabinoid Analysis

Analyte	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/unit)
CBDV	0.00025	0.011	0.11	3.20
CBD	0.00025	1.037	10.37	310.96
CBG	0.00025	0.024	0.24	7.06
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 THC		ND	ND	ND
Total CBD		1.037	10.37	310.96
Total Cannabinoids		1.071	10.71	

Date Tested: 7/20/2020

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

Total CBD = CBDa * 0.877 + CBD

Terpenoid Analysis

Analyte	LOQ (%)	Mass (%)	Analyte	LOQ (%)	Mass (%)
Camphene	0.05	ND	δ-Limonene	0.05	ND
3-Carene	0.05	ND	Linalool	0.05	ND
β-Caryophyllene	0.05	ND	β-Myrcene	0.05	ND
p-Cymene	0.05	ND	Nerolidol	0.05	0.06
Eucalyptol	0.05	ND	α-Pinene	0.05	ND
Fenchol	0.05	ND	Terpinolene	0.05	ND
α-Humulene	0.05	ND			

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Pesticides **PASS**
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Pesticide Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Abamectin	0.05	0.10	ND	Pass
Bifenazate	0.05	0.10	ND	Pass
Bifenthrin	0.05	3.00	ND	Pass
Boscalid	0.05	0.10	ND	Pass
Ethoprophos	0.05	0	ND	Pass
Etoxazole	0.05	0.1	ND	Pass
Imidacloprid	0.05	5	ND	Pass
Myclobutanil	0.05	0.1	ND	Pass
Piperonyl Butoxide	0.05	3	ND	Pass
Pyrethrins	0.05	0.5	ND	Pass
Spinosad	0.05	0.1	ND	Pass
Spiromesifen	0.05	0.1	ND	Pass
Spirotetramat	0.05	0.1	ND	Pass

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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: 7/20/2020

Heavy Metals Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Arsenic	0.050	0.2	ND	Pass
Cadmium	0.050	0.2	ND	Pass
Lead	0.125	0.5	ND	Pass
Mercury	0.025	0.1	ND	Pass

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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

FESA Labs - Santa Ana, CA

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.

FESA Labs - Santa Ana, CA

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

Residual Solvents Analysis - 20 compounds (USP_467)

USP current revision, Chapter 62.
United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015) (modified).

FESA Labs - Santa Ana, CA

Testing Location:

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

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

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