



Truth in Hemp™

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Soft Gels Melatonin, 25mg CBD / 1mg Melatonin

PRODUCT CODE: GCMEL-X-Y-A

LOT NUMBER: GC/Mel/Cham2520-01

DATE OF MANUFACTURE: 18AUG2020

EXPIRATION DATE: 18FEB2022

(DDMMYYYY)

(Expiration date is 18 months under sealed conditions.)

INGREDIENTS:

Composition of Fill: Polysorbate 80, Polysorbate 20, Fractionated Coconut Oil, Broad Spectrum CBD Hemp Oil, β-Caryophyllene, Melatonin, Roman Chamomile Oil.

Composition of the Shell: Bovine-derived Gelatin, Glycerin, Water, Artificial Coloring (Water, Sugar, U.S. Certified Blue 1, Yellow 5, Blue 2, Red 40, Modified Corn Starch, Vegetable Gum, Citric Acid, >1% Sodium Benzoate and Potassium Sorbate).

Parameter	Method ¹	Specification	Results
Appearance	QCU002	Oval soft gelatin capsule	Pass
Color		Green	Pass
Cannabinoids		LOQ (ppm)	Wt. (%) (mg/g)
CBD		20	4.217 42.167
CBD-A		20	< LOQ < LOQ
Δ9-THC		5	< LOQ < LOQ
THC-A		5	< LOQ < LOQ
CBN		5	< LOQ < LOQ
CBN-A		5	< LOQ < LOQ
CBG	QCU001	5	0.058 0.582
CBC	(UHPLC-DAD)	5	< LOQ < LOQ
CBC-A		5	< LOQ < LOQ
Δ8-THC		5	< LOQ < LOQ
CBDV		5	< LOQ < LOQ
CBDV-A		5	< LOQ < LOQ
THCV		5	< LOQ < LOQ
Potency – Total CBD		NLT 95% of Labelled Claim for CBD	27.3 mg CBD/softgel 109% of Labelled Claim for CBD
Total THC		0.0%	0.0%
Identity – CBD		Retention Time ± 0.05min of Standard	0.00 min
Melatonin Content	QC-TM-0032 (HPLC-DAD)	80 – 120% of Labelled Claim for Melatonin	1.04 mg Melatonin / softgel 104% of Labelled Claim for Melatonin
Terpenes ²	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Pesticides ²	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Residual Solvents ²	USP <467>	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Elemental Impurities: ²	USP <2232>	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Microbial Limits: ²	USP <2032>	Refer to Oil Specification	Refer to Oil Certificate of Analysis

Notes: ¹according to Folium Biosciences internal analytical methods, US Pharmacopeia or 3rd party contract laboratory method. ²Testing performed on bulk oil. ND=Not Detected, LOQ=Limit of Quantification, LOD=Limit of Detection

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Results conform to all specifications: Yes or No


Storage: Room Temperature, Protect from Light and Protect from Moisture at less than 50% relative humidity (RH)

Allergen Declaration: This product contains sulfites

Prepared by: Blake Breitmeyer
Quality Control, Folium Biosciences


Date: 28 AUG 2020

Reviewed by: Chris Didomenico
Quality Control, Folium Biosciences


Date: 28 AUG 2020