



CERTIFICATE OF ANALYSIS

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

PRODUCT CODE: GCME-L-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. (%)
CBD		20	4.217
CBD-A		20	< LOQ
Δ9-THC		5	< LOQ
THC-A		5	< LOQ
CBN		5	< LOQ
CBN-A		5	< LOQ
CBG	QCU001	5	0.058
CBC	(UHPLC-DAD)	5	< LOQ
CBC-A		5	< LOQ
Δ8-THC		5	< LOQ
CBDV		5	< LOQ
CBDV-A		5	< LOQ
THCV		5	< 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
Terpenes²	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Pesticides²	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Residual Solvents²	USP <467>	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Elemental Impurities²	USP <2232>	Refer to Oil Specification	Refer to Oil Certificate of Analysis
Microbial Limits²	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