

CERTIFICATE OF ANALYSIS

COPY

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

PRODUCT CODE: GCMEL-X-Y-A

LOT NUMBER: GC/Mel/Cham19-06

DATE OF MANUFACTURE: 10JAN2020
(DDMMYYYY)

EXPIRATION DATE: 10JUL2021

*(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	5.257 52.57
CBD-A		20	< LOQ < LOQ
Δ 9-THC		5	< LOQ < LOQ
THC-A		5	< LOQ < LOQ
CBN		5	< LOQ < LOQ
CBN-A		5	< LOQ < LOQ
CBG	QCU001 (UHPLC-DAD)	5	0.0760 0.760
CBC		5	< LOQ < LOQ
CBC-A		5	< LOQ < LOQ
Δ 8-THC		5	< LOQ < LOQ
CBDV		5	< LOQ < LOQ
CBDV-A		5	< LOQ < LOQ
THCV		5	< LOQ < LOQ
Potency – Total CBD		90 – 110% of Labelled Claim for CBD	23.85 mg CBD/softgel 95% of Labelled Claim for CBD
Total THC		0.0%	0.0%
Identity – CBD		Retention Time \pm 0.05min of Standard	-0.002min
Melatonin Content	HPLC-DAD (iLabs)	80 – 120% of Labelled Claim for Melatonin	0.933 mg Melatonin / softgel 93% 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