



CERTIFICATE OF ANALYSIS

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

PRODUCT CODE: GCMECHAM-X-Y-A

LOT NUMBER: GCMECHAM2521-01

DATE OF MANUFACTURE: 01FEB2021

EXPIRATION DATE: 01AUG2022

(DDMMYYYY)

(Expiration date is 18 months
under sealed conditions.)

INGREDIENTS:

Composition of Fill: Polysorbate 80, Polysorbate 20, Fractionated Coconut Oil, Broad Spectrum
CBD Oil (0.0% THC), β -Caryophyllene, Melatonin, Roman Chamomile Oil.

Composition of the Shell: Bovine-derived Gelatin, Glycerin, Water, Artificial Coloring

Parameter	Method ¹	Specification	Results	
Appearance	QCU002	Oval soft gelatin capsule	Pass	
Color		Green	Pass	
Average Weight (N=10)	Weight of 10 Units	For Information Only	632.3 mg	
Cannabinoids		LOQ (ppm)	Wt. (%)	(mg/g)
CBD		20	4.121	41.205
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 (UHPLC-DAD)	5	< LOQ	< LOQ
CBC		5	< LOQ	< LOQ
CBC-A		5	< LOQ	< LOQ
Δ8-THC		5	< LOQ	< LOQ
CBDV		5	0.061	0.610
CBDV-A		5	< LOQ	< LOQ
THCV		5	< LOQ	< LOQ
Potency – Total CBD		NLT 95% of Label Claim for CBD	26.2 mg CBD/softgel	105% of Labelled Claim for CBD
Total THC		0.0%	0.0%	
Identity – CBD		Retention Time ± 0.05min of Standard	0.00 min	
Melatonin Content	QCU014 (HPLC-DAD)	80 – 120% of Labelled Claim for Melatonin	1.07 mg Melatonin/softgel	107% of Labelled Claim
Elemental Impurities:				
Arsenic	USP	< 22.7 ppm	Pass	
Cadmium	<2232>	< 7.5 ppm	Pass	
Lead		< 7.5 ppm	Pass	
Mercury (Total)		<3.0 ppm	Pass	

This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.

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Terpenes ²	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Specification
Pesticides ²	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Specification
Residual Solvents ²	USP <467>	Refer to Oil Specification	Refer to Oil Specification
Microbial Limits: ²	USP<2032>	Refer to Oil Specification	Refer to Oil Specification

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

The above certificate of analysis is based on Product Specification (QA-FRM3-0005 GCME-L-X-Y-A)
Revision No. 02

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: 25 Feb 2021

Reviewed by: Chris Didomenico
Quality Control, Folium Biosciences

Date: 25 FEB 2021