



CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Soft Gels Curcumin, 25mg CBD/10mg Curcumin

PRODUCT CODE: GCC3-X-Y-A

LOT NUMBER: GC/C32521-04

DATE OF MANUFACTURE: 03Sep2021

EXPIRATION DATE: 03Mar2023

(DDMMYYYY)

(Expiration date is 18 months
under sealed conditions.)

INGREDIENTS:

Composition of Fill: Polysorbate 80, Polysorbate 20, Fractionated Coconut Oil, Broad Spectrum Hemp Oil, β -Caryophyllene, Curcuminoids, Industrial Hemp

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

Parameter	Method ¹	Specification	Results
Appearance	QCU002	Oval soft gelatin capsule	Pass
Color		Dark Red	Pass
Average Weight (N=10)	Weight of 10 Units	For Information Only	0.655g
Cannabinoids	HPLC-DAD	LOQ (mg)	Result (mg) (mg/g)
CBD		0.218	25.157 37.86
CBD-A		0.223	ND ND
Δ 9-THC		0.022	0.028 0.04
THC-A		0.019	ND ND
CBN		0.069	ND ND
CBN-A		0.151	ND ND
CBG		0.053	0.193 0.29
CBC		0.094	ND ND
CBC-A		0.086	ND ND
Δ 8-THC		0.264	ND ND
CBDV		0.051	0.110 0.17
CBDV-A		0.093	ND ND
THCV		0.048	ND ND
Potency – Total CBD		NLT 95% of Label Claim for CBD	101% of Labelled Claim
Total THC		$\leq 0.01\%$	0.00%
Heavy Metals: ³	ICP-MS		
Arsenic		<1.5 ppm	ND
Cadmium		<0.5 ppm	ND
Lead		<0.5 ppm	ND
Mercury		<1.5 ppm	ND
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

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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Parameter	Method ¹	Specification	Results
Residual Solvents:²			
Ethanol	USP <467>	<1000 ppm	Refer to Oil Certificate of Analysis
All other solvents		Refer to Oil Specification	Refer to Oil Certificate of Analysis
Microbial Limits³			
Total aerobic plate count	USP	<10 ⁴ cfu/g	None Detected
Total yeast & mold	<2023>	<10 ³ cfu/g	None Detected
Total coliforms		<10 ² cfu/g	None Detected
Shiga-toxin producing E. coli (STEC)		Absent in 25 g	Absent
Salmonella		Absent in 25 g	Absent
Mycotoxins³			
Aflatoxin B1	LC-MS	<5 ppb	ND
Total Aflatoxins (B1, B2, G1, G2)		<20 ppb	ND
Ochratoxin A		<5 ppb	ND

Notes: ¹ according to Folium Biosciences internal analytical methods, US Pharmacopeia or 3rd party contract laboratory method. ² Testing performed on bulk oil. ND=Not Detected, LOQ=Limit of Quantification, LOD=Limit of Detection. ³ Specifications listed are set in accordance with CDPH 116 CCR 1010-21.

PLEASE NOTE: Curcumin is naturally bright yellow in color and tends to stain anything it comes into contact with. Any discoloration of the packaging, container or skin that the curcumin product touches is natural and expected. The yellow coloration is not a reflection of the product quality or indicative of any defect.

The above certificate of analysis is based on Product Specification (QA-FRM3-0005 GCC3-X-Y-A)

Revision No. 6

Results conform to all specifications: Yes or No

Storage: Room Temperature, Protect from Light and Protect from Moisture; Store at less than 50% relative humidity (RH). It is not recommended to ship this product at extreme temperatures without insulating.

Allergen Declaration: This product contains sulfites

Prepared by: Joshua D Beach Date: 05 Oct 2021
Quality Control, Folium Biosciences

Reviewed by: Nathaniel Aug Date: 5 Oct 21
Quality Control, Folium Biosciences