



CERTIFICATE OF ANALYSIS

PRODUCT NAME: 25mg Broad Spectrum Hemp Oil Soft Gels

PRODUCT CODE: GC-NO-25-A

LOT NUMBER: GC2521-04

DATE OF MANUFACTURE: 22Oct2021
(DDMMYYYY)

EXPIRATION DATE: 22Apr2023
(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, Industrial Hemp

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

Parameter	Method ₁	Specification		Results
Appearance	QC-SOP0002	Oval soft gelatin capsule		Pass
Color		Light Translucent Yellow		Pass
Cannabinoids	HPLC-DAD	LOQ (mg)	Result (mg)	(mg/g)
CBD		0.796	27.448	43.49
CBD-A		0.817	ND	ND
Δ 9-THC		0.068	<LOQ	<LOQ
THC-A		0.060	ND	ND
CBN		0.216	ND	ND
CBN-A		0.472	ND	ND
CBG		0.165	ND	ND
CBC		0.291	ND	ND
CBC-A		0.267	ND	ND
Δ 8-THC		0.824	ND	ND
CBDV		0.188	0.485	0.77
CBDV-A		0.341	ND	ND
THCV		0.151	ND	ND
Potency – Total CBD		NLT 95% of Label Claim for CBD		110% (27.44mg/ Soft Gel)
Total THC		NMT 0.01%		<LOQ
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
Residual Solvents: ²	USP <467>			
Ethanol		<1000 ppm		ND
All other solvents		Refer to Oil Specification		Refer to Oil Certificate of Analysis



Parameter	Method ¹	Specification	Results
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: 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, ³Specifications listed are set in accordance with CDPHF: 6 CCR 1010-21.

The above certificate of analysis is based on Product Specification (QA-FRM3-0001 GC-NO-25-A) Revision No. 6

Results conform to all specifications: Yes or No

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests to assure the suitability of this product for its application and to comply with all legal requirements for any goods into which this product is incorporated.

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 in extreme temperatures without insulating.

Allergen Declaration: This product contains sulfites

Prepared by: [Signature] Date: 11 Nov 2021
Quality Control, Folium Biosciences

Reviewed by: [Signature] Date: 11 Nov 2021
Quality Control, Folium Biosciences