



# Folium Biosciences

## CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** 0.0% THC Phytocannabinoid-Rich Soft Gel with Curcumin, 25mg CBD per soft gel

**PRODUCT CODE:** GCC3-NO-25mg-BL-30ct

**LOT NUMBER:** JP123019GC1 (Sales Order# CASC-003-GK-1, Total of 15,000 soft gels in (500) 30 count bottles)

**BATCH NUMBER:** GC/C32519-07

**DATE OF MANUFACTURE:** 09Dec2019

*Expiration date is 18 months under sealed conditions at room temperature*

**INGREDIENTS:** Polysorbate Emulsifiers, Medium Chain Triglycerides (MCT oil), Phytocannabinoid-Rich Hemp Oil, Beta Caryophyllene, Curcumin. **Gelatin Shell:** Bovine-derived Gelatin, Glycerin, and Water.

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Oval soft gelatin capsule	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Dark Reddish Amber	Conforms	QCU002
Cannabinoid Content	25 mg total CBD per soft gel (95 - 110% of target concentration) 0.0% THC	24.9 mg total CBD per soft gel, 0.0% THC	QCU001
Curcumin Content	10 mg Curcumin per soft gel	10.6 mg Curcumin per soft gel	Advanced Botanical Consulting & Testing, Inc. Method: ALC143A
Microbial Testing	Total Aerobic Count <1000 CFU/g Total Yeast & Mold <100 CFU/g	Conforms	USP<2021>

Package	Acceptance Criteria	Results
Primary Package	Container dedusted and wiped clean. Container caps screwed on tight	Conforms
Secondary Package	Carton Sturdy and clean. Sufficient cushion material exists. Carton taped on all sides	Conforms

**Storage:** Room Temperature, Protect from Light and Protect from Moisture at less than 50% relative humidity (RH).

Prepared by: Janell Murray Inspection Control, Folium Biosciences

Reviewed by: Joshua Beach Fulfillment, Folium Biosciences

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

**CERTIFICATE OF INTERNAL ANALYSIS**

Type: 0.0% THC Phytocannabinoid-Rich Hemp Oil Soft Gel

Batch No: GC/C32519-07

Date of Manufacture: 09Dec2019

Date of Analysis: 23Dec2019

Total Active PCR oil per Soft Gel: 24.9mg

Total Curcumin per Soft Gel: 10.6mg\*\*

**Potency:**

Cannabinoid	Wt. (%)	(mg/g)
CBD	5.86	58.6
CBG	ND***	ND***
CBN	ND***	ND***
THC	ND***	ND***
CBC	ND***	ND***
THC-A	ND***	ND***
CBD-A	ND***	ND***
CBDV	<0.03	<0.03
CBDV-A	ND***	ND***
THCV	ND***	ND***
MAX THC	ND***	ND***
MAX CBD	5.86	58.6

Test ID: 44933 by Green Scientific Labs

**Residual Solvents\*:**

Propane	Compliant with USP<467>	Pentane	Compliant with USP<467>
Isobutane	Compliant with USP<467>	Isopropanol	Compliant with USP<467>
Butane	Compliant with USP<467>	Hexane	Compliant with USP<467>
Ethanol	Compliant with USP<467>	Acetone	Compliant with USP<467>

**Heavy Metals\*:**

Cadmium	Compliant with USP<2232>
Lead	Compliant with USP<2232>
Arsenic	Compliant with USP<2232>
Mercury	Compliant with USP<2232>

**Terpenes\*:**

	Wt. (%)		Wt. (%)
$\beta$ -Bisabolene	1.0-3.0	Camphene	0.1-0.2
$\beta$ -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
$\beta$ -Maaliene	0.5-2.0	$\alpha$ -Bisabolol	< 0.1
Calarene	0.5-1.5	P-Cymene	< 0.1
$\beta$ -Caryophyllene	0.1-1.0	Linalool	< 0.1
$\alpha$ -Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
$\alpha$ -Gurjunene	0.1-0.5	Isopulegol	< 0.1
d-Limonene	0.1-0.5	Terpinene	< 0.1
Nerolidol	0.1-0.5	Geraniol	< 0.1
$\alpha$ -Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	$\gamma$ -Terpinene	< 0.1
Eucalyptol	0.1-0.2	$\delta$ -3-Carene	< 0.1

**Pesticides\*:**

Acequinocyl	ND	Spinosad	ND
Pyrethrium	ND	Spirotetramat	ND
Spiromesifen	ND	Bifenazate	ND
Abamectin	ND	Fenoxycarb	ND
Imidacloprid	ND	Paclbutrazol	ND

\*Raw hemp oil batches are sent out regularly for testing by a third-party lab. ND = Not Detected at the Reporting Limit (RL).

\*\* Curcumin Tested by Innovatical Laboratories 1912300, 19123001

\*\*\*ND = Not detected using a high-performance liquid chromatography test method.

**Batch Release:**

Chemist: Lena Johnson

Manager: Christopher Didomenico


 23Dec2019


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