



# Folium Biosciences

## CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** THC-Free Phytocannabinoid-Rich Soft Gel, 10 mg per soft gel

**PRODUCT CODE:** GC-NO-10mg-BULK

**LOT NUMBER:** DR012819GC1 (Sales Order# COBR-006-RI-B, Total of 5,000 soft gels)

**BATCH NUMBER:** GC1018-08A

**DATE OF MANUFACTURE:** 03Dec2018

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

**ACTIVE INGREDIENTS:** THC-Free Phytocannabinoid-Rich Hemp Oil

**INACTIVE INGREDIENTS:** Polysorbate Emulsifiers, Medium Chain Triglycerides (MCT oil), Beta Caryophyllene. **Gelatin Shell:** Bovine-derived Gelatin, Glycerin, Sorbitol and Water (coloring: Red 40, Red 3, Yellow 5, Yellow 6, Blue 1, and Blue 2 added to 25mg softgel capsules)

| Attributes                       | Acceptance Criteria  | Results  | Test Method |
|----------------------------------|--|--|-------------|
| Appearance                       | Oval soft gelatin capsule  | Conforms   | QCU002      |
| Odor                             | Characteristic   | Conforms   | QCU002      |
| Color                            | Light Yellow   | Conforms   | QCU002      |
| Cannabinoid Content <sup>1</sup> | 10 mg total Phytocannabinoids per Soft Gel, (95 - 110% of target concentration),<br>THC Not Detected | 9.5 mg total Phytocannabinoids per Soft Gel,<br>THC Not Detected | QCU001      |
| Microbial Testing                | Total Aerobic Count <2000 CFU/g<br>Total Yeast & Mold <200 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

Prepared by: *Jamille Oreal* Inspection Control, Folium Biosciences

Reviewed by: *Audrey Kolou* 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:** THC-free Phytocannabinoid-Rich (PCR)

Soft Gel

**BATCH No:** GC1018-08A

**Date of Manufacture:** 03Dec2018

**Date of Analysis:** 10Dec2018

**Total Active PCR oil per Soft Gel:** 9.5 mg

**POTENCY RESULTS:**

| Cannabinoid  | Wt. (%) | (mg/g) |
|--------------|---------|--------|
| CBD          | 1.53    | 15.33  |
| CBG          | <0.03   | <0.30  |
| CBN          | <0.03   | <0.30  |
| THC          | ND**    | ND**   |
| CBC          | <0.03   | <0.30  |
| THC-A        | ND**    | ND**   |
| CBD-A        | <0.03   | <0.30  |
| MAX THC      | ND**    | ND**   |
| MAX CBD      | 1.53    | 15.33  |
| TOTAL ACTIVE | 1.53    | 15.33  |

**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<233> |
| Lead    | Compliant with USP<233> |
| Arsenic | Compliant with USP<233> |
| Mercury | Compliant with USP<233> |

**TERPENE RESULTS\*:**

|                        | 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            | 0.1-0.1 |
| $\beta$ -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*** | Paclobutrazol | ND*** |

Test ID: 121018KP

\*Batches are sent out regularly for testing, not all batches tested

\*\* ND = Not Detected using a validated high-performance liquid chromatography test method%

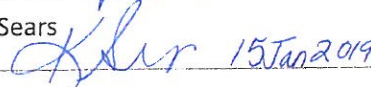
\*\*\*Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

**Batch Release:**

Chemist: Sophia Alires


 15Jan2019

Manager: Kathryn Sears


 15Jan2019

(Updated 15Jan2019)

 SA 15Jan2019  
**COPY**