



# Folium Biosciences

## CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** THC-Free Phytocannabinoid-Rich Gummies

**PRODUCT CODE:** GU-NO-10mg

**LOT NUMBER:** JAM093019GU2 (Sales Order# ELCB-001-JMC-3, Total of 5,700 gummies)

**BATCH NUMBER:** 61920

**DATE OF MANUFACTURE:** 19Jun2019

*Expiration date is 12 months under sealed conditions.*

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

**INACTIVE INGREDIENTS:** Corn Syrup; Refined Sugar; Pectin; Sodium Citrate; Glycerin Fatty Acid Ester; Lecithin; D-sorbitol Solution; Gelatin; Citric Acid; Natural Lemon Flavor; Natural Grape Flavor; Natural Orange Flavor; Safflower Lemon extract; Violet (Beet) Color; Carotino Color; Lemon concentrate; Red Grape Concentrate; Orange Juice Concentrate

| Attributes          | Acceptance Criteria   | Results  | Test Method      |
|---------------------|---|--|------------------|
| Appearance          | Dome shaped gummies   | Conforms   | QCU002 or QAU005 |
| Odor                | Characteristic  | Conforms   | QCU002 or QAU005 |
| Color               | Multi-color   | Conforms   | QCU002 or QAU005 |
| Cannabinoid Content | 2.5mg ( $\pm 10\%$ ) total CBD per gram of gummy.<br>THC - Not Detected | 2.48 mg total CBD per gram of gummy,<br>THC Not Detected | QCU001 or QAU005 |

| Package           | Acceptance Criteria   | Results  |
|-------------------|---|----------|
| Primary Package   | Poly-Lined Foil package sealed air tight. Packaging has no scratches, tears, rips, etc... | Conforms |
| Secondary Package | Carton Sturdy and clean sufficient cushion material exists. Carton taped on all sides     | Conforms |

Prepared by: Janell Murray Inspection Control, Folium Biosciences

Reviewed by: Joshua D 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:** CBD Infused Gummy

**Lot No:** 61920

**Date of Manufacture:** 19Jun2019

**Date of Analysis:** 26Jun2019

**Total Active CBD per gram of gummy:** 2.48mg

**POTENCY RESULTS:**

| Cannabinoid  | Wt. (%) | (mg/g) |
|--------------|---------|--------|
| CBD          | 0.25    | 2.48   |
| 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  |
| CBDV         | <0.03   | <0.30  |
| THCV         | ND**    | ND**   |
| MAX THC      | ND**    | ND**   |
| MAX CBD      | 0.25    | 2.48   |
| TOTAL ACTIVE | 0.25    | 2.48   |

**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. (%) |
|-----------------|---------|-------------|---------|
| β-Bisabolene    | < 0.1   | Camphene    | < 0.1   |
| β-Farnesene     | < 0.1   | E-Farnesene | < 0.1   |
| Guaiol          | < 0.1   | Farnesol    | < 0.1   |
| β-Maaliene      | < 0.1   | α-Bisabolol | < 0.1   |
| Calarene        | < 0.1   | P-Cymene    | < 0.1   |
| β-Caryophyllene | < 0.1   | Linalool    | < 0.1   |
| α-Humulene      | < 0.1   | Myrcene     | < 0.1   |
| Cadinene        | < 0.1   | Phytol      | < 0.1   |
| α-Gurjunene     | < 0.1   | Isopulegol  | < 0.1   |
| d-Limonene      | < 0.1   | Terpinene   | < 0.1   |
| Nerolidol       | < 0.1   | Geraniol    | < 0.1   |
| α-Pinene        | < 0.1   | Myrcene     | < 0.1   |
| Aristolene      | < 0.1   | γ-Terpinene | < 0.1   |
| Eucalyptol      | < 0.1   | δ-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*** |

**Microbial:**

|                       |                   |
|-----------------------|-------------------|
| STEC                  | None detected**** |
| Salmonella            | None detected**** |
| Total Yeast and Molds | None detected**** |

Test ID:307349, 307347, 307348 tested by PhytaTech

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


\*\*ND = Not Detected using a high-performance liquid chromatography test method, LOD = 0.03%

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

\*\*\*\*Microbial analysis performed by a third party lab, None detected reported because the presence of microbiological organisms was not detected using qPCR (STEC and Salmonella) or plating (total yeast and mold) techniques.

**Batch Release:**

Chemist: Zosha McKinney


 26 Jul 2019

Manager: Ashley Orosco


 26 Jul 2019

**COPY**  
 Zm 26 Jul 2019