



Folium Biosciences

CERTIFICATE OF QUALITY ASSURANCE

PRODUCT NAME: Phytocannabinoid-Rich Gummies

PRODUCT CODE: GU-NO-10mg

LOT NUMBER: GO052419GU16 (Sales Order# SAGA-002-MB-1, Total of 19,000 gummies)

BATCH NUMBER: 050720

DATE OF MANUFACTURE: 07May2019

Expiration date is 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. THC - Not Detected | 2.35 mg total CBD per gram of gummy, THC - Not Detected | QCU001 or QAU005 |

| 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 |

Prepared by: *Misha M. Carter* Inspection Control, Folium Biosciences

Reviewed by: *Gabrielle Ornel* 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: 050720

Date of Manufacture: 07May2019

Date of Analysis: 21May2019

Total Active CBD per gummy: 9.23mg

POTENCY RESULTS:

| Cannabinoid | Wt. (%) | (mg/g) |
|--------------|---------|--------|
| CBD | 0.24 | 2.35 |
| 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 | 0.24 | 2.35 |
| TOTAL ACTIVE | 0.24 | 2.35 |

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 -Maallene | < 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: 305190, 304990 tested by PhytaTech

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

** ND = Not Detected using a validated 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: Sophia Alires



Manager: Ashley Orosco



 SA 23May2019
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