



# Folium Biosciences

## CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** Phytocannabinoid-Rich Gummies

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

**LOT NUMBER:** GO061919GU1 (Sales Order# SVDP-001-DS-1, Total of 20,900 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	2.50 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: Gabrielle O'neal Inspection Control, Folium Biosciences

Reviewed by: Julia Whiting 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 gram of gummy:** 2.50mg

**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-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: 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

*Sophia Alires* 30May2019

Manager: Ashley Orosco

*Ashley Orosco* 30May2019

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