



## CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** Advanced Nano Tincture

**PRODUCT CODE:** ANT-250mg-CA-BULK

**LOT NUMBER:** JM053019T3 (Sales Order# FACH-001-JG-1, Total of 255 g cannabinoids, total formulation of 37,026 g)

**OIL BATCH NUMBER:** COHPCR19-29

**DATE OF MANUFACTURE:** 30May2019

*Expiration date is 12 months under sealed conditions.*

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

**INACTIVE INGREDIENTS:** quillaja extract, glycerin, flavoring

**FLAVORINGS INCLUDE:** Vegetable glycerin, quillaja extract, water, natural, caramel color and artificial flavors.

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Translucent Syrup	Conforms	QCU002
Color	Golden Brown	Conforms	QCU002
Cannabinoid Content	250 mg Phytocannabinoids per 1 oz, (tolerance 95-110% of target) THC Not Detected	250 mg Phytocannabinoids per 1 oz, THC Not Detected	QCU002
Microbial Testing	Total Aerobic Count <2000 CFU/g Total Yeast & Mold <200 CFU/g	Conforms	QCU001

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

**Note:** Bulk tinctures have a density of 1.21 g/mL. Therefore, to fill 30-mL tinctures, we recommend filling them to 36.3 g in order to ensure accurate dosing. The density can be used to calculate the fill weight for other package sizes.

**Storage:** Room temperature, protected from heat and light. Do not freeze.

Prepared by: Mohamed M. Elmaghrabi Inspection Control, Folium Biosciences

Reviewed by: Gabrielle O'neal 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:** Hydro-PCR Nanoemulsion

**BATCH No:** COHPCR19-29

**Date of Manufacture:** 08May2019

**Date of Analysis:** 20May2019

### POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	3.87	38.74
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	0.05	0.54
THCV	ND**	ND**
MAX THC	ND**	ND**
MAX CBD	3.87	38.74
TOTAL ACTIVE	3.93	39.28

### 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***

Test ID: 052019SA

\*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)

### Batch Release:

Chemist: Lena Johnson

Manager: Ashley Orosco

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LS 21 May 2019