

PRODUCT NAME: THC-Free Phytocannabinoid-Rich Hemp Oil Tinctures

PRODUCT CODE: T-NO-1,500mg/1oz-LE-MCT-BULK

LOT NUMBER: JM072919T12 (Sales Order# BOIN-001-EG-13, Total of 103 g

cannabinoids, Total of 1,913.5 g Oil)
OIL BATCH NUMBER: CONO19-60
DATE OF MANUFACTURE: 29July2019

Expiration date is 18 months under sealed conditions.

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Medium Chain Triglycerides (MCT Oil), Lemon Oil

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Thin Oil	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Light Amber to Amber	Conforms	QCU002
Cannabinoid Content	95 - 110% of target concentration, THC - Report results	1,500 mg total Phytocannabinoids per 1 oz, THC Not Detected	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 assume an oil density of 0.92g/mL. Therefore, to fill 1 oz tinctures, we recommend filling them to 28 grams in order to ensure accurate dosing. The density can be used to calculate the fill weight for other package sizes.

Storage: Room Temperature, Protect from Light

Prepared by: John Salt	Inspection Control, Folium Bioscience
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Reviewed by: Johns & Beach	Fulfillment, Folium Bioscience

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: Phytocannabinoid-Rich Hemp Oil/ THC-free

BATCH No: CONO19-60

Date of Manufacture: 21Apr2019 Date of Analysis: 22Apr2019

## POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	82.46	824.56
CBG	<0.03	<0.30
CBN	<0.03	<0.30
THC	ND"	ND"
СВС	<0.03	<0.30
THC-A	ND**	ND"
CBD-A	<0.03	<0.30
MAX THC	ND"	ND"
MAX CBD	82.46	824.56
TOTAL ACTIVE	82.46	824.56

#### 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<23	
Arsenic Compliant with USP<		
Mercury	Compliant with USP<233>	

## **TERPENE RESULTS\*:**

	Wt. (%)	17	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	< 0.1
Calarene	0.5-1.5	P-Cymene	< 0.1
β-Caryophyllene	0.1-1.0	Linalool	< 0.1
α-Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
α-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
α-Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	y-Terpinene	< 0.1
Eucalyptol	0.1-0.2	δ-3-Carene	< 0.1

### Pesticides\*:

Acequinocyl	ND""	Spinosad	NO
Pyrethrium	ND"	Spirotetramat	ND***
Spiromesifen	ND"	Bifenazate	ND***
Abamectin	ND"	Fenoxycarb	ND""
Imidacloprid	ND***	Paclobutrazol	ND"

Test ID: 0422195A

Batch Release:

Chemist: Zosha McKinney

23Apr2019

Manageri Vanesa/Fernandez

23 April 2019



<sup>\*</sup>Batches are sent out regularly for testing, not all batches tested

<sup>\*\*</sup> ND = Not Detected using a validated high-performance liquid chromatography test method

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