



CERTIFICATE OF QUALITY ASSURANCE

PRODUCT NAME: THC-Free Phytocannabinoid-Rich Hemp Oil

PRODUCT CODE: NO-2kg-BULK

LOT NUMBER: JP110419B3 (Sales Order# LABI-013-CT-1, Total of 2,060 g cannabinoids, Total of 2,304 g Oil)

OIL BATCH NUMBER: CONO19-114

DATE OF MANUFACTURE: 27Sep2019

Expiration date is 24 months under sealed conditions.

ACTIVE INGREDIENT: THC-Free Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: N/A

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Viscous Amber Oil Possible Crystal Formation	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Dark Amber	Conforms	QCU002
Dissolution	Not cloudy or turbid, characteristic color	Conforms	QCU002
Cannabinoid Content	80% total Phytocannabinoids, THC - report results	89.41% total Phytocannabinoids, THC Not Detected	QCU001
Microbial Testing	Total Aerobic Count <2000 CFU/g Total Yeast & Mold <200 CFU/g	Conforms	USP<2021>

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: When sampling, manufacturing, or formulating with this oil, the oil MUST first be heated and liquefied at 70-75°C and mixed thoroughly. Attempting to sample the oil when it is in a semi-solid state will not result in accurate analytical results.

Storage: Room Temperature, Protect from Light

Prepared by: Jessie Munoz Inspection Control, Folium Biosciences

Reviewed by: Ben Rha 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: Phytocannabinoid-Rich Hemp Oil/ THC-free **TERPENE RESULTS*:**

BATCH No: CONO19-114

Date of Manufacture: 27Sep2019

Date of Analysis: 30Sep2019

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	89.31	893.1
CBG	0.05	0.5
CBN	<0.03	<0.3
THC	<0.03	<0.3
CBC	<0.03	<0.3
THC-A	<0.03	<0.3
CBD-A	0.11	1.1
CBDV	<0.03	<0.3
CBDV-A	0.13	1.3
THCV	<0.03	<0.3
MAX THC	<0.03	<0.3
MAX CBD	89.41	894.1
TOTAL ACTIVE	89.57	895.7

Test ID: 093019ZM

	Wt. (%)		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	γ-Terpinene	<0.1
Eucalyptol	0.1-0.2	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: DA91001018-003 by Kaycha Labs

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>

Test ID: DA91001018-003 by Kaycha Labs

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

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

Batch Release

Chemist: Lena Johnson

Manager: Christopher Didomenico

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Heavy Metals:

Cadmium	Compliant with USP<2232>
Lead	Compliant with USP<2232>
Arsenic	Compliant with USP<2232>
Mercury	Compliant with USP<2232>

Test ID: DA91001018-003 by Kaycha Labs

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