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CERTIFICATE OF QUALITY ASSURANCE

PRODUCT NAME: Broad Spectrum CBD Oil (0.0% THC) Salve

PRODUCT CODE: CF-SA-NO-500mg-2oz-OWN

LOT NUMBER: JP042020SA1 (Sales Order# ESSS-018-JE-1, (Total of (500) 2 oz jars)

OIL BATCH NUMBER: CONO20-01

DATE OF MANUFACTURE: 20Apr2020

Expiration date is 24 months under sealed conditions.

ACTIVE INGREDIENTS: Broad Spectrum CBD Oil (0.0% THC)

INACTIVE INGREDIENTS: Medium Chain Triglycerides (MCT), Beeswax, Lavender Oil, Eucalyptus Oil

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Semi-solid Paste	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Cream to Light Brown	Conforms	QCU002
Total Cannabinoid Content	95 - 110% of target concentration, 0.0% THC	500 mg total CBD per 2 oz, 0.0% THC	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: For salves purchased in a bulk container, heat salve to 70° C and homogenize before filling into smaller containers. Due to the density of this product, salves are filled to 28 grams per 1 oz jar and 56 grams per 2 oz jar; 27 grams per 1 oz bottle and 54 grams per 2 oz bottle.

Storage: Room Temperature, Protect from Light

Prepared by: Nathaniel Amy Date: 23 Apr 2020

Inspection Control, Folium Biosciences

Reviewed by: Joshua O Beach Date: 23APR2020

Fulfillment, Folium Biosciences

This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.

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Truth in Hemp™

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Broad Spectrum CBD Oil (0.0% THC)
PRODUCT CODE: BO-NO-Y-Z-A
LOT NUMBER: CONO20-01
DATE OF MANUFACTURE: 11OCT2019 (DDMMMYYYY) **EXPIRATION DATE:** 11OCT2021 *(Expiration date is 24 months under sealed conditions.)*

INGREDIENTS: Phytocannabinoid-Rich Oil

Parameter	Method[1]	Specification		Results
Appearance	QCU002	Viscous Oil, Possible Crystal Formation		Pass
Color		Pale yellow to amber to brown		Pass
Dissolution		Soluble and translucent		Pass
Cannabinoids	QCU001 (UHPLC-DAD)	LOQ (ppm)	Wt. (%)	(mg/g)
CBD		20	83.562	835.620
CBD-A		20	< LOQ	< LOQ
Δ9-THC		5	< LOQ	< LOQ
THC-A		5	< LOQ	< LOQ
CBN		5	< LOQ	< LOQ
CBN-A		5	< LOQ	< LOQ
CBG		5	< LOQ	< LOQ
CBC		5	< LOQ	< LOQ
CBC-A		5	< LOQ	< LOQ
Δ8-THC		5	< LOQ	< LOQ
CBDV		5	1.287	12.873
CBDV-A		5	< LOQ	< LOQ
THCV		5	< LOQ	< LOQ
Potency – Total CBD		≥80.0 wt%		83.6 wt%
Total THC		0.0%		0.0%
Identity – CBD		Retention Time ± 0.05min of Standard		0.00 min

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Parameter	Method[1]	Specification	Results
Pesticides	LC/MS GC/MS (Green Scientific)	Conforms to EPA limits	Pass
Residual Solvents			
Ethanol	USP <467>	5000 ppm	Pass
Methanol		3000 ppm	Pass
Pentane		5000 ppm	Pass
Acetone		5000 ppm	Pass
Isopropyl Alcohol	GC FID (Green Scientific)	5000 ppm	Pass
Heptane		5000 ppm	Pass
Hexane		290 ppm	Pass
Heavy Metals			
Arsenic	USP <2232> ICP-MS (Green Scientific)	<1.5 ppm	Pass
Cadmium		<0.5 ppm	Pass
Lead		<0.5 ppm	Pass
Mercury		<0.2 ppm	Pass
Microbial Limits			
Total aerobic plate count	USP <2023> (Green Scientific)	<1000 cfu/g	Pass
Total yeast & mold		<100 cfu/g	Pass
Enterobacteriaceae		<10 MPN/g	Pass
Aspergillus		Absent	Pass
E. coli		Absent	Pass
Salmonella		Absent	Pass
Mycotoxins			
Aflatoxin B1	USP <561> LC-MS (CannaSafe)	<5ppb	Pass
Aflatoxin B2		<5ppb	Pass
Aflatoxin G1		<5ppb	Pass
Aflatoxin G2		<5ppb	Pass
Total Aflatoxins		<20ppb	Pass
Ochratoxin A		<10ppb	Pass

Notes: [1]according to Folium Biosciences internal analytical methods, US Pharmacopeia or 3rd party contract laboratory method
ND=Not Detected

The above certificate of analysis is based on Product Specification (QA-FRM3-0005 BO-NO-Y-Z-A)
Revision No: 01

Results conform to all specifications: (Yes) or No

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, Heat and Moisture

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Prepared by: Jill Bogdan Date: 31 Mar 2020
Quality Control, Folium Biosciences

Reviewed by: Chris Didomenico Date: 01 Apr 2020
Quality Control, Folium Biosciences