

CERTIFICATE OF QUALITY ASSURANCE

PRODUCT NAME: 0.0% THC Broad Spectrum CBD Hemp Oil Tinctures

PRODUCT CODE: CF-T-NO-350mg-MI-MCT-BR-1oz

LOT NUMBER: JP031020T3 (Sales Order# GRNH-001-EG-2, Total of (300) 1 oz bottles)

OIL BATCH NUMBER: CONO19-120

DATE OF MANUFACTURE: 10Mar2020

Expiration date is 18 months under sealed conditions.

ACTIVE INGREDIENTS: 0.0% THC Broad Spectrum CBD Hemp Oil

INACTIVE INGREDIENTS: Medium Chain Triglycerides (MCT), Peppermint Oil, Stevia

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Thin Oil	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Clear to Light Yellow	Conforms	QCU002
Cannabinoid Content	95 - 110% of target concentration CBD, 0.0% THC	350 mg CBD per 1 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: 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: *Jalen Scott* Date: 12 Mar 2020

Inspection Control,

Reviewed by: *Jenna B. Beach* Date: 12 Mar 2020

Inspection Control,

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/0.0% THC TERPENE RESULTS*:

BATCH No: CONO19-120

Date of Manufacture: 12Oct2019

Date of Analysis: 14Oct2019

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	83.67	836.7
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	< 0.03	< 0.3
CBDV	< 0.03	< 0.3
CBDV-A	0.19	1.9
THCV	< 0.03	< 0.3
MAX THC	< 0.03	< 0.3
MAX CBD	83.67	836.7
TOTAL ACTIVE	83.89	838.9

Test ID: 101419LJ, 102419ZM

Residual Solvents**:

 (Compliant with USP <467>)

Propane	ND	Pentane	ND
Butane	ND	Isopropanol	ND
Methanol	ND	Hexane	ND
Ethanol	ND	Acetone	ND

Test ID: 38613 by Green Scientific Labs

Heavy Metals**:

 (Compliant with USP <2232>)

Cadmium	ND	Arsenic	ND
Lead	ND	Mercury	ND

Test ID: 38613 by Green Scientific Labs

Pesticides**:

Acequinocyl	ND	Spinosad	ND
Pyrethrium	ND	Spirotetramat	ND
Spiromesifen	ND	Bifenazate	ND
Abamectin	ND	Fenoxycarb	ND
Imidacloprid	ND	Paclobutrazol	ND

Test ID: 38613 by Green Scientific Labs

	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
Guaiaol	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

Microbial**:

 (Compliant with USP <61, 62>)

STEC <i>E. coli</i>	Pass, ND
Salmonella	Pass, ND
Aspergillus	Pass, ND
Total Yeast and Molds	Pass, <100 CFU/g
Total Aerobic Bacteria	Pass, <1,000 CFU/g
Coliform	Pass, ND
Enterobacteriaceae	Pass, ND

Test ID: 38613 by Green Scientific Labs

Mycotoxins**:

Aflatoxin B1	ND
Aflatoxin B2	ND
Aflatoxin G1	ND
Aflatoxin G2	ND
Ochratoxin A	ND

Test ID: 38613 by Green Scientific Labs

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

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

Batch Release

Chemist: Zosha McKinney

20 Nov 2019

Manager: Christopher Didomenico

20 Nov 2019

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