

Lab Report

Product: CBD Oil Tincture - 750mg
 Lot Number: 0219-13
 Date of Manufacture: Jan 2nd, 2020
 Type: THC-Free Phytocannabinoid-Rich Hemp Oil



POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	85.93	859.3
CBG	0.05	0.5
CBN	<0.03	<0.3
THC	<0.03	<0.3
CBC	0.05	0.5
THC-A	<0.03	<0.3
CBD-A	0.07	0.7
CBDV	<0.03	<0.3
CBDV-A	<0.03	<0.3
THCV	<0.03	<0.3
MAX THC	<0.03	<0.3
MAX CBD	85.99	859.9
TOTAL ACTIVE	86.09	860.9

Test ID: 0930192M

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: DA91001018-002 by Kaycha Labs

Heavy Metals:

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

Test ID: DA91001018-002 by Kaycha Labs

TERPENE RESULTS*:

	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**
Pyrethrum	ND**	Spirotetramat	ND**
Spiromesifen	ND**	Bifenazate	ND**
Abamectin	ND**	Fenoxycarb	ND**
Imidacloprid	ND**	Paclobutrazol	ND**

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*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 Didojenico

COPY
 07062019

Certificate of Quality Assurance

1219-13

Description: Thin yellow hemp oil with orange odor/flavor
Serving Size: 1mL
Fill Count: 30mL/1oz

Spec Rev: 01
Bulk Item Code: 7019
Daily Serving (ml): 1 mL

Attribute	Spec Range	Result	Method
Appearance	Thin yellow oil	Pass	SOP 03.016.01
Odor	Orange	Pass	SOP 03.016.01
Assay: Cannabidiol	22.5-27.5	30.6 *	HPLC
Total Potential THC	NMT 0.3% Weight	0.0	HPLC
Pb	NMT 10 mcg/day	0.004	ICP-MS
Hg	NMT 2 mcg/day	<0.001	ICP-MS
Cd	NMT 5 mcg/day	0.002	ICP-MS
As	NMT 15 mcg/day	0.011	ICP-MS
Total Plate Count	<100 cfu/g	<10	USP <2021>
Yeast	<10 cfu/g	<10	USP <2021>
Mold	<10 cfu/g	<10	USP <2021>
Total Coliforms	<10 cfu/g	<10	AOAC 991.14
E. coli	<10 cfu/g	Absent	USP <2022>
Salmonella	Absent in 10g	Absent	USP <2022>

* Customer made aware of OOS result, customer approved results as is.

Name	Title	Sign	Date
Prepared By: Victoria Danner	QC Tech	<i>Victoria Danner</i>	1/27/2020
Approved By: Robert Bost	QC Manager	<i>Robert Bost</i>	1/27/2020

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Grape Seed Oil, Orange Oil

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Thin Oil	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Yellow to Yellow Green	Conforms	QCU002
Cannabinoid Content	95 - 110% of target concentration, THC - Report results	750 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