



CERTIFICATE OF INTERNAL ANALYSIS

TYPE: 0.0% THC Phytocannabinoid-Rich Hemp Oil

BATCH No: CONO19-124

Date of Manufacture: 16Oct2019

Date of Analysis: 18Oct2019

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	87.71	877.1
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	0.10	1.0
CBDV	< 0.03	< 0.3
CBDV-A	0.21	2.1
THCV	< 0.03	< 0.3
MAX THC	< 0.03	< 0.3
MAX CBD	87.80	878.0
TOTAL ACTIVE	88.03	880.3

Test ID: 101819ZM

Residual Solvents**:

 (Compliant with USP <467>)

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

Test ID: 38958 by Green Scientific Labs

Heavy Metals**:

 (Compliant with USP <2232>)

Cadmium	ND	Arsenic	ND
Lead	ND	Mercury	ND

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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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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

Microbial**:

 (Compliant with USP <61, 62>)

STEC <i>E. coli</i>	Pass
Salmonella	Pass
Aspergillus	Pass
Total Yeast and Molds	Pass, <1,000 CFU/g
Total Aerobic Bacteria	Pass, <10,000 CFU/g
Coliform	Pass, < 100 CFU/g
Enterobacteriaceae	Pass, < 100 CFU/g

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Mycotoxins**:

Aflatoxin B1	ND
Aflatoxin B2	ND
Aflatoxin G1	ND
Aflatoxin G2	ND
Ochratoxin A	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: Zosha McKinney

Manager: Christopher Didomenico

COPY
Zm 18 Nov 2019