



CERTIFICATE OF INTERNAL ANALYSIS

TYPE: Phytocannabinoid-Rich Hemp Oil/ THC-free **TERPENE RESULTS*:**

BATCH No: CONO18-89

Date of Manufacture: 02Dec2018

Date of Analysis: 03Dec2018

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	88.51	885.13
CBG	<0.03	<0.30
CBN	<0.03	<0.30
THC	ND**	ND**
CBC	<0.03	<0.30
THC-A	ND**	ND**
CBD-A	<0.03	<0.30
MAX THC	ND**	ND**
MAX CBD	88.51	885.13
TOTAL ACTIVE	88.51	885.13

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>

Heavy Metals*:

Cadmium	Compliant with USP<233>
Lead	Compliant with USP<233>
Arsenic	Compliant with USP<233>
Mercury	Compliant with USP<233>

	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***	Bifentazate	ND***
Abamectin	ND***	Fenoxycarb	ND***
Imidacloprid	ND***	Paclobutrazol	ND***

Test ID: 120318KP

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

** ND = Not Detected using a validated high-performance liquid chromatography test method

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

SPECIAL NOTE: Process enhancement has recently been implemented to remove excess pigmentation from the oil due to customer requests. While the color of the future oil batches will be golden to light amber, its composition and the full spectrum characteristics remain unchanged.

Batch Release:

Chemist: Sophia Alires

Manager: Kathryn Sears

(Updated 09Jan2019)

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