



CERTIFICATE OF INTERNAL ANALYSIS

BATCH No: CONO18-31

TEST ID: 070918APO

TYPE: Phytocannabinoid-Rich Hemp Oil/
THC-free

DATE: 10Jul2018

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	88.31	883.14
CBG	< 0.03	< 0.3
CBN	< 0.03	< 0.3
THC	ND**	ND**
CBC	< 0.03	< 0.3
THC-A	ND**	ND**
CBD-A	0.06	0.57
MAX THC	ND**	ND**
MAX CBD	88.36	883.64
TOTAL ACTIVE	88.36	883.64

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>

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**
Pyrethrium	ND**	Spirotetramat	ND**
Spiromesifen	ND**	Bifenazate	ND**
Abamectin	ND**	Fenoxycarb	ND**
Imidacloprid	ND**	Paclbutrazol	ND**

Batches are sent out regularly for testing, not all batches tested
 ** ND = Not Detected using a validated high-performance liquid chromatography test method, LOD = 0.03%

Batch Release:

Chemist: Ashley Orosco

Ashley Orosco 10Jul2018

Manager: Jennifer Berkbigler

Jennifer Berkbigler 10Jul2018

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