

**CERTIFICATE OF INTERNAL ANALYSIS**

**TYPE:** Hydro-PCR Nanoemulsion  
**BATCH No:** COHPCR19-04  
**Date of Manufacture:** 07Feb2019  
**Date of Analysis:** 11Feb2019

**POTENCY RESULTS:**

Cannabinoid	Wt. (%)	(mg/g)
CBD	3.98	39.84
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	3.98	39.84
TOTAL ACTIVE	3.98	39.84

**Residual Solvents\*:**

	Compliant with USP<467>		Compliant with USP<467>
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. (%)
$\beta$ -Bisabolene	< 0.1	Camphene	< 0.1
$\beta$ -Farnesene	< 0.1	E-Farnesene	< 0.1
Guaiol	< 0.1	Farnesol	< 0.1
$\beta$ -Maaliene	< 0.1	$\alpha$ -Bisabolol	< 0.1
Calarene	< 0.1	P-Cymene	< 0.1
$\beta$ -Caryophyllene	< 0.1	Linalool	< 0.1
$\alpha$ -Humulene	< 0.1	Myrcene	< 0.1
Cadinene	< 0.1	Phytol	< 0.1
$\alpha$ -Gurjunene	< 0.1	Isopulegol	< 0.1
d-Limonene	< 0.1	Terpinene	< 0.1
Nerolidol	< 0.1	Geraniol	< 0.1
$\alpha$ -Pinene	< 0.1	Myrcene	< 0.1
Aristolene	< 0.1	$\gamma$ -Terpinene	< 0.1
Eucalyptol	< 0.1	$\delta$ -3-Carene	< 0.1

**Pesticides\*:**

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

Test ID: 021119APO

\*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%

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

**Batch Release:**

Chemist: Ashley Orosco

 11Feb2019

Manager: Kathryn Sears

 11Feb 2019

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