

## Lab Report

Product: CBD Softgels - 25mg, 30ct

Lot Number: 0919-13

Type: THC-Free Phytocannabinoid-Rich Hemp Oil



### POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	4.15	41.35
CBG	ND**	ND**
CBN	ND**	ND**
THC	ND**	ND**
CBC	ND**	ND**
THC-A	ND**	ND**
CBD-A	ND**	ND**
MAX THC	ND**	ND**
MAX CBD	4.15	41.35
TOTAL ACTIVE	4.15	41.35

### 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	0.1-0.1
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

### 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>

### Pesticides\*:

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

Test ID: 122818KP

\*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)

### Batch Release:

Chemist: Sophia Alires

*Sophia Alires 28DEC2018*

Manager: Ashley Orosco

*Ashley Orosco 29DEC2018*

# Certificate of Quality Assurance

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Oval soft gelatin capsule	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Amber	Conforms	QCU002
Cannabinoid Content <sup>1</sup>	25 mg total Phytocannabinoids per Soft Gel, (95 - 110% of target concentration), THC Not Detected	25.52 mg total Phytocannabinoids per Soft Gel, THC Not Detected	QCU001
Microbial Testing	Total Aerobic Count <2000 CFU/g Total Yeast & Mold <200 CFU/g	Conforms	USP<2021

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

**Description:** Hemp Oil Softgel  
**Serving Size:** 1 softgel  
**Fill Count:** 30 ct

**Spec Rev:** 01  
**Bulk Item Code:** 7012  
**Daily Serving (ml):** 1 softgel

Attribute	Spec Range	Result	Method
Appearance	Golden softgel	Pass	SOP 03.016.01
Odor	Conforms to spectra	Pass	SOP 03.016.01
Assay: Cannabidiol	NLT 10 mg/g	10.5	HPLC
Pb	NMT 10 mcg/day	0.001	ICP-MS
Hg	NMT 2 mcg/day	<0.001	ICP-MS
Cd	NMT 5 mcg/day	<0.001	ICP-MS
As	NMT 15 mcg/day	<0.001	ICP-MS
Total Plate Count	<2000 cfu/g	<10	USP <2021>
Yeast	<200 cfu/g	<10	USP <2021>
Mold	<200 cfu/g	<10	USP <2021>
Total Coliforms	<10 cfu/g	<10	AOAC 991.14
E. coli	<10 cfu/g	<10	AOAC 991.14
Salmonella	Absent in 10g	Absent	USP<2022>

Name	Title	Sign	Date
Prepared By: Victoria Danner	QC Tech	<i>Victoria Danner</i>	10/17/2019
Approved By: Robert Bost	QC Manager	<i>Robert Bost</i>	10/17/2019