



## Certificate of Analysis

	<b>Product:</b>	Zativa – Coconut Softgels 1,500 mg CBD		
	<b>Part Number:</b>	T086	<b>Version Number:</b>	1.0
	<b>Batch Number:</b>	11866	<b>Best-By Date:</b>	02/18/2022

Characteristic	Instrument	Specification	Result	Pass/ Fail/ N/A
<b>Identity</b>				
Color & Appearance	Visual	Oval softgel with golden tinted oily liquid	Complies	Pass
Odor	Organoleptic	Characteristic of standard	Complies	Pass
Taste	Organoleptic	Neutral	Complies	Pass
<b>Composition</b>				
Density	Calculation	0.930 – 0.977 g/mL	0.953 g/mL	Pass
<b>Strength - Cannabinoids</b>				
Total CBD	HPLC	1,500.0 – 2,040.0 mg/bottle	1,578.0 mg/bottle	Pass
Total THC	HPLC	< 0.30%	0.27%	Pass
<b>Contaminants - Residual Solvents</b>				
Acetone	GC-FID	< 1,000 ppm	Not Detected**	Pass
Butanes	GC-FID	< 1,000 ppm	Not Detected**	Pass
Ethanol	GC-FID	< 1,000 ppm	< Limit of quantitation**	Pass
Heptanes	GC-FID	< 1,000 ppm	Not Detected**	Pass
Isopropyl Alcohol	GC-FID	< 1,000 ppm	< Limit of quantitation**	Pass
Propane	GC-FID	< 1,000 ppm	Not Detected**	Pass
Benzene	GC-FID	< 2 ppm	Not Detected**	Pass
Toluene	GC-FID	< 180 ppm	Not Detected**	Pass
Pentane	GC-FID	< 1,000 ppm	Not Detected**	Pass
Hexane	GC-FID	< 60 ppm	Not Detected**	Pass
Total Xylenes (m,p,o-xylenes)	GC-FID	< 430 ppm	Not Detected**	Pass
<b>Contaminants - Pesticides</b>				
Abamectin (avermectins: B1a & B1b)	GC-MS / LC-MS	< 0.07 ppm	Not Detected**	Pass
Azoxystrobin	GC-MS / LC-MS	< 0.02 ppm	Not Detected**	Pass
Bifenazate	GC-MS / LC-MS	< 0.02 ppm	Not Detected**	Pass
Etoxazole	GC-MS / LC-MS	< 0.01 ppm	Not Detected**	Pass
Imazalil	GC-MS / LC-MS	< 0.04 ppm	Not Detected**	Pass
Imidacloprid	GC-MS / LC-MS	< 0.02 ppm	Not Detected**	Pass
Malathion	GC-MS / LC-MS	< 0.05 ppm	Not Detected**	Pass
Myclobutanil	GC-MS / LC-MS	< 0.04 ppm	Not Detected**	Pass
Permethrin (mix of isomers)	GC-MS / LC-MS	< 0.04 ppm	Not Detected**	Pass
Spinosad (mixture of A and D)	GC-MS / LC-MS	< 0.06 ppm	Not Detected**	Pass
Spiromesifen	GC-MS / LC-MS	< 0.03 ppm	Not Detected**	Pass
Spirotetramat	GC-MS / LC-MS	< 0.02 ppm	Not Detected**	Pass
Tebuconazole	GC-MS / LC-MS	< 0.01 ppm	Not Detected**	Pass

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Characteristic	Instrument	Specification	Result	Pass/ Fail/ N/A
<b>Contaminants - Heavy Metals</b>				
Arsenic	ICP-MS	< 10.00 µg/softgel	< 0.49 µg/softgel**	Pass
Cadmium	ICP-MS	< 4.10 µg/softgel	< 0.25 µg/softgel**	Pass
Lead	ICP-MS	< 0.50 µg/softgel	< 0.05 µg/softgel**	Pass
Mercury	ICP-MS	< 0.30 µg/softgel	< 0.10 µg/softgel**	Pass
<b>Microbial Purity</b>				
Total Plate Count	PCR / Plate / Petrifilm	< 3,000 CFU/g	S.L.*	N/A
Yeast & Mold	PCR / Plate / Petrifilm	< 300 CFU/g	S.L.*	N/A
Shiga-toxin producing <i>Escherichia coli</i> (STEC)	PCR / Plate / Petrifilm	< 10 CFU/g	S.L.*	N/A
<i>Salmonella spp.</i>	PCR / Plate / Petrifilm	< 10 CFU/g	S.L.*	N/A

\* S.L. means "Skip Lot". Parameters are being monitored through product qualification testing and are currently in skip lot protocol.

\*\* Result was acquired by 3<sup>rd</sup> party laboratory.

Reviewed By:  \_\_\_\_\_

Date: 10.07.19

Approved By:  \_\_\_\_\_

Date: 10.7.19