

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** CBD Softgels with Melatonin  
**PRODUCT STRENGTH:** 25 mg CBD / 1 mg Melatonin  
**LOT NUMBER:** 2017701  
**BEST BY DATE:** 12/25/2021  
**SOFTGEL LOT NUMBER:** [ND2519-03](#)

\*Click on the links to view third-party reports\*

### Physical Attributes

Test	Method	Specification	Results
Color	SOP-100	Golden to Amber	PASS
Odor	SOP-100	N/A	PASS
Appearance	SOP-100	Dry, ovoid softgel capsules in container with lid and shrinkband	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	SOP-132	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

### Review of Third-Party Analysis

Panel	Method	Specification	Results	Pass/Fail
<b>Potency - Total CBD</b>	SOP-111	23.75-31.25 mg CBD LOQ**: 10 PPM† (0.001%)	<b>25mg</b>	PASS
<b>Potency - D9-THC</b>	SOP-111	None Detected LOQ: 10 PPM (0.001%)	<u>ND</u>	PASS
<b>Compliant Pesticide Panel</b>	SOP-111	WIP-10008 : Product Specification for Softgels, Oregon Action Limits apply	<u>ND</u>	PASS
<b>Microbial - Stec E.Coli</b>	SOP-111	Complies with USP 61/62	<u>BELOW LOD</u>	PASS
<b>Microbial - Salmonella</b>	SOP-111	Complies with USP 61/62	<u>BELOW LOD</u>	PASS
<b>Microbial - Yeast/Mold</b>	SOP-111	Complies with USP 61/62	<u>BELOW LOD</u>	PASS
<b>CA Compliant Heavy Metal Panel</b>	SOP-111	Arsenic (As): ≤1.5 PPM Cadmium (Cd): ≤0.5 PPM Mercury (Hg): ≤1.0 PPM Lead (Pb): ≤0.5 PPM	<u>ND</u>	PASS

\* Level of Quantitation, † Parts Per Million

Quality Certified by:

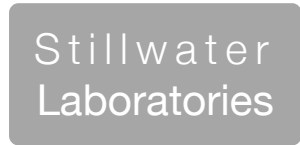
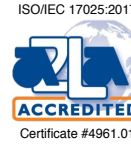
*Darcie Moran*

07/01/2020

Darcie Moran

Date

Director of Quality Assurance



https://portal.a2la.org/scopepdf/4961-01.pdf

Sample Handling

test ID            sample date 6/29/20 5:13 PM  
 order 7680    labID 0FW43    weight 18.4 g  
 source

Methods	method	equipment
weights	MSP-7.3.1.3	AUX120.1
potency	MSP-7.5.1.5	LC-2030
terpenes	MSP-7.5.1.7	QP2020/HS20
pesticides	MSP-7.5.1.8	LC-8060
mycotoxins	MSP-7.5.1.8	LC-8060
microbial	MSP-7.5.1.9	Hardy Diag
solvents	MSP-7.5.1.6	QP2020/HS20
metals	MSP-7.5.1.10	ICPMS2030

capsule



Potency	%	estimated error	Terpenes	%	estimated error	%	estimated error	%	estimated error
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potency  
not tested

terpenes  
not tested / not required

Solvents	MT limit	0FW43	LOQ	Pesticides (MT)	MT limit	0FW43	LOQ	Pesticides (other)	0FW43	LOQ
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solvents  
not tested / not required

pesticides  
not tested / not required

not tested /  
not required

Toxic Metals	MT limit	0FW43	LOQ
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metals  
not tested / not required

Microbial	MT limit	0FW43	LOQ
<i>E. coli</i>	10 CFU	0 CFU	<10 CFU/g
Salmonella sp.	10 CFU	0 CFU	<10 CFU/g
molds	10000 CFU	0 CFU	<10k CFU/g

Comments

• All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]<sub>HPLC</sub> x volume<sub>dilution</sub> / m<sub>dry</sub>. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)<sub>GCMS</sub> / m<sub>dry</sub>. ••• Decarboxyted cannabinoid concentration is calculated from the equation XXX<sub>total</sub> = 0.877 x XXX<sub>a</sub> + XXX •••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; this is combined with error from weighing and dilution using the propagation of error formula S<sub>g</sub><sup>2</sup> = Σ (∂f/∂i)<sup>2</sup> s<sub>i</sub><sup>2</sup> where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t<sub>CL90</sub> x S<sub>g</sub>. Sampling error is not

Certified by:

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