

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Softgels with Melatonin
PRODUCT STRENGTH: 25 mg CBD / 1 mg Melatonin
LOT NUMBER: 20258A
BEST BY DATE: 5/15/2021
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
Potency - Total CBD	SOP-111	23.75-31.25 mg CBD LOQ**: 10 PPM† (0.001%)	24.7 mg	PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)	<u>ND</u>	PASS
Compliant Pesticide Panel	SOP-111	WIP-10008 : Product Specification for Softgels, Oregon Action Limits apply	<u>ND</u>	PASS
Microbial - Stec E.Coli	SOP-111	Complies with USP 61/62	<u>BELOW LOD</u>	PASS
Microbial - Salmonella	SOP-111	Complies with USP 61/62	<u>BELOW LOD</u>	PASS
Microbial - Yeast/Mold	SOP-111	Complies with USP 61/62	<u>BELOW LOD</u>	PASS
CA Compliant Heavy Metal Panel	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: Kei Horikawa 09/22/2020
 Kei Horikawa Date
 Quality Control Manager

Softgel 25mg CHAMND

Certificate of Analysis



total cannabinoids **25 mg**
 per capsule
 Δ9-THC 0.000 mg
 CBD 24.7 mg
 THCa 0.000 mg
 CBDa 0.000 mg
 total THC 0.000 mg
 total CBD 24.7 mg

Melatonin Lot# CHAMND2519-03

This Product Has Been Tested and Complies with 7USC1639o(1) Definition of Hemp



Stillwater Laboratories

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

Sample Handling

test ID sample wt 5.4 g
 type gelcap order 8264
 lab ID OJC17 sample date 9/3/2020
 unit capsule unit weight 0.6 g

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-7.5.1.1 AriaMx RTPCR
solvents	MSP-7.5.1.6 QP2020/HS20
metals	MSP-7.5.1.1 ICPMS2030

gelcap



Potency	per capsule	estimated error	Terpenes	%	estimated error	%	estimated error	%	estimated error
tetrahydrocannabinolic acid (THCa)	0% 0.000 mg	± 0.01 mg	terpenes not tested / not required						
Δ ⁹ -tetrahydrocannabinol (Δ ⁹ THC)	0% 0.000 mg	± 0.01 mg							
Δ ⁸ -tetrahydrocannabinol (Δ ⁸ THC)	0% 0.000 mg	± 0.01 mg							
tetrahydrocannabivarin (THCv)	0% 0.000 mg	± 0.01 mg							
cannabidiolic acid (CBDa)	0% 0.000 mg	± 0.01 mg							
cannabidiol (CBD)	4.12% 24.7 mg	± 0.13 mg							
cannabidivarin (CBDv)	0% 0.000 mg	± 0.01 mg							
cannabigerolic acid (CBGa)	0% 0.000 mg	± 0.01 mg							
cannabigerol (CBG)	0% 0.000 mg	± 0.01 mg							
cannabinol (CBN)	0% 0.000 mg	± 0.01 mg							
cannabichromene (CBC)	0% 0.000 mg	± 0.01 mg							

Pesticides (MT)

MT limit	OJC17	LOQ	Pesticides (other)	OJC17	LOQ
abamectin	0.00 ppm	<10ppb	acephate	0.00 ppm	<10ppb
acequinocyl	0.00 ppm	<10ppb	acetamiprid	0.00 ppm	<10ppb
bifenazate	0.00 ppm	<10ppb	aldicarb	0.00 ppm	<10ppb
bifenthrin	0.00 ppm	<10ppb	azoxystrobin	0.00 ppm	<10ppb
chlormequat cl.	0.00 ppm	<10ppb	boscalid	0.00 ppm	<10ppb
cyfluthrin	0.00 ppm	<80ppb	carbaryl	0.00 ppm	<10ppb
diaminozide	0.00 ppm	<10ppb	carbofuran	0.00 ppm	<10ppb
etoxazole	0.00 ppm	<10ppb	chlorantraniliprole	0.00 ppm	<10ppb
fenoxycarb	0.00 ppm	<10ppb	chlorpyrifos	0.00 ppm	<10ppb
imazalil	0.00 ppm	<10ppb	clofentezine	0.00 ppm	<10ppb
imidacloprid	0.00 ppm	<10ppb	cypermethrin	0.00 ppm	<10ppb
myclobutanil	0.00 ppm	<10ppb	diazinon	0.00 ppm	<10ppb
paclobutrazol	0.00 ppm	<10ppb	dichlorvos	0.00 ppm	<10ppb
pyrethrins	0.00 ppm	<10ppb	dimethoate	0.00 ppm	<10ppb
spinosad	0.00 ppm	<10ppb	etofenprox	0.00 ppm	<10ppb
spiromesifen	0.00 ppm	<10ppb	fenpyroximate	0.00 ppm	<10ppb
spirotetramat	0.00 ppm	<10ppb	fipronil	0.00 ppm	<10ppb
trifloxystrobin	0.00 ppm	<10ppb	flonicamid	0.00 ppm	<10ppb

Toxic Metals

MT limit	OJC17	LOQ
arsenic	2 ppm	0.0 ppm
cadmium	4.1 ppm	0.0 ppm
lead	1.2 ppm	0.0 ppm
mercury	0.4 ppm	0.0 ppm

Microbial

MT limit	OJC17	LOQ
Aflatoxin B1,B2,G1,G2	20 ppb	0 ppb
Ochratoxin A	20 ppb	0 ppb

microbial not tested

Comments

All testing was completed onsite at 6073 US93N, Olney MT. Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]_{HPLC} x volume_{dilution} / m_{dry}. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)_{GCMS} / m_{dry}. Decarboxylated cannabinoid concentration is calculated from the equation XXX_{total} = 0.877 x XXX_a + 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_g² = Σ(∂f/∂i)²s_i² where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t_{CL90} x s_g. Sampling error is not

Certified by:

Justin M Johnston
 Deputy Director
 6073 US93N, Olney MT 59927
 406-881-2019 rdb@stwlabs.com

malathion	0.00 ppm	<10ppb
metalaxyl	0.00 ppm	<10ppb
methiocarb	0.00 ppm	<10ppb
methomyl	0.00 ppm	<10ppb
oxamyl	0.00 ppm	<10ppb
permethrins	0.00 ppm	<10ppb
phosmet	0.00 ppm	<10ppb
piperonyl butoxide	0.00 ppm	<10ppb
prallethrin	0.00 ppm	<10ppb
propiconazole	0.00 ppm	<10ppb
pyridaben	0.00 ppm	<10ppb
spiroxamine	0.00 ppm	<10ppb
tebuconazole	0.00 ppm	<10ppb
thiacloprid	0.00 ppm	<10ppb
thiamethoxam	0.00 ppm	<10ppb



ACCU Bio-Chem
LABORATORIES

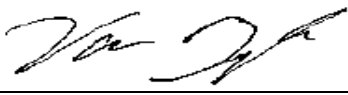
1755 Victory Blvd. Glendale, CA 91201
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To:	
COA No.:	M-JO091620-01
COA Date:	09/21/20
Sample Rec'd Date:	09/16/20
ISO/IEC 17025:2017 Standard	Page 1 of 1

MICROBIOLOGICAL CERTIFICATE OF ANALYSIS

Sample Description: *Softgel Capsule 25 mg melatonin*
Sample Batch/Lot No.: 20258A
ACCU Laboratory Ref.: 0802375
Purchase Order No.: N/A
Test Method: USP
Notes: N/A

Analysis:	Results:
Total Plate Count:	<10 CFU / g
Yeast & Mold Count:	<10 CFU / g
Bile-Tolerant g- Bacteria (coliforms):	Negative
<i>Escherichia coli:</i>	Negative
<i>Salmonella:</i>	Negative

Approved By: 
Vano Baghdasarian, Laboratory Director

The results of this test relate only to the samples tested. This test report shall not be reproduced except in full, without written approval of the lab. ACCU Labs shall have no liability to anyone with respect to any interpretations or uses of the COA report, decisions made, or actions taken as a result of or based on the data reported.
Abbreviations: g -: gram negative; g +B: gram positive Bacilli; g +C: gram positive Cocci; TPC: Total Plate Count; TNTC: Too Numerous to Count