

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Softgels with Curcumin
PRODUCT STRENGTH: 25 mg CBD / 10 mg Curcumin
FILL LOT NUMBER: 21211
SOFTGEL LOT NUMBER: 21147B
BEST BY DATE: 04/07/2023

Click on the links to view third-party reports

Physical Attributes

Test	Method	Specification	Results
Color	SOP-100	Bright Red to Pink	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	25-31.25 mg CBD LOQ**: 10 PPM† (0.001%)	25.8 mg	PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)	ND	PASS
Compliant Pesticide Panel	SOP-111	WIP-100008 : Product specification for Tinctures, Oregon Action limits apply	ND	PASS
Microbial - Stec E.Coli	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Salmonella	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Yeast and Mold	SOP-111	Complies with USP 61/62	Below LOQ	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	ND	PASS

* *Level of Quantitation, † Parts Per Million

Quality Certified


 Kayla Kolber
 Quality Assurance Technician

06/04/2021

Date

Certificate of Analysis

Product Name: Organics Softgels 25 mg with Curcumin	Product No.: 6-026-10-01
Lot No.: 21211	Country of Origin: USA
Product Packaging: Bottle	Serving Size: 1 softgel
	Manufacture Date: 04/07/2021
	Report Date: 05/04/2021

Analyte	Test Method	Acceptable Limit	Test Results
Physical			
Appearance	Visual	Transparent gel cap	Conforms
Color	Visual	Red	Conforms
Potency/Chemistry			
Total Cannabinoids	MSP-7.3.1.5	NLT 25 mg/capsule	26 mg/capsule
Total THC (delta 9 THC and THC-A)	MSP-7.3.1.5	0.1% w/w	None detected
Curcumin	AOAC 2016.16	NLT 10 mg/capsule	10 mg/capsule
Impurities			
Pesticides	MSP-7.5.1.6	Below action level limits	Conforms
Solvents	MSP-7.5.1.6	Below action level limits	Conforms
Microbiological Pathogens			
Escherichia coli	MSP-7.5.1.1	Absent/10 g	None detected
Salmonella	MSP-7.5.1.1	Absent /10 g	None detected
Yeasts & Molds	MSP-7.5.1.1	NMT 100 cfu/g	0 cfu/g
Ochratoxin A	MSP-7.5.1.1	None detected	None detected
Aflatoxins	MSP-7.5.1.1	None detected	None detected
Heavy Metals			
Arsenic	MSP-7.5.1.1	NMT 1.5 ppm	None detected
Cadmium	MSP-7.5.1.1	NMT 0.3 ppm	None detected
Lead	MSP-7.5.1.1	NMT 1.0 ppm	None detected
Mercury	MSP-7.5.1.1	NMT 0.5 ppm	None detected

Quality Control: 

Date: 05/04/2021

Quality Assurance: 

Date: 05/04/2021

Analytical Report

Report Date: 04/13/2021

Work Order: CHSG210407-023
Received Date: 04/07/2021
P.O. #:

Comments:

Sample Num: 21CH03277

Lot Number: 21211

Client Sample Num: Nano BS 25mg Curcumin

Comments:

<u>Analysis</u>	<u>Method Reference</u>	<u>Result</u>	<u>Unit</u>	<u>Analysis Date</u>	<u>Approval Date</u>
Curcuminoid- Bis-demethoxycurcumin	AOAC 2016.16	0.189	mg/svg	04/13/2021	04/13/2021
Curcuminoid- Curcumin	AOAC 2016.16	10.45	mg/svg	04/13/2021	04/13/2021
Curcuminoid- Demethoxycurcumin	AOAC 2016.16	1.40	mg/svg	04/13/2021	04/13/2021
Curcuminoid- Total Curcuminoids	AOAC 2016.16	12.04	mg/svg	04/13/2021	04/13/2021

Reviewed by:



Cheri Turman, PhD., Vice President

certificate ID
1FA07

SG25C

7USC1639 Certificate of Analysis

21147B

rec'd 6/1/2021 12:23:58 PM

order 10901

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

Stillwater Laboratories



per

Microbial	MSP-7.5.1.10	limit	LOD	LOQ	error	result
E.coli	ND	0CFU	0.1	0.2	±0.2CFU	PASS
Salmonella sp.	ND	0CFU	0.1	0.2	±0.2CFU	PASS
molds	17CFU	10000CFU	2.8	8.3	±11.0CFU	PASS

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

Jacob Harris
QA Manager



https://customer.a2la.org/index.cfm?event=directory_detail&labPID=423635B2-5128-4C6F-871A-419DCF43B0D7

Stillwater Laboratories Inc.
MT License L0001, L00007
6073 US93N Suite 5, Olney MT 59927
406-881-2019

INSTRUMENTS: Potency by HPLC (LC2030C-UV), solvents and terpenes by GCMS (QP2020/HS20), pesticides and mycotoxins by LCMSMS (LC8060), microbial by qPCR (AriaMx) and plating (Hardy Diagnostics), metals by ICPMS (ICPMS-2030)

All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calculated as: [cannabinoid] = [cannabinoid]_{HPLC} X volume_{dilution}/M_{dry} •••• Decarboxyted cannabinoid concentration is calculated 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; LOD is the limit of detection (3.3s), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula s_i² = Σ (d*i*/d*i*)²s_e² where i is the contributor to error. The 95% confidence range is calculated from: (concentration) ± t_{CL90} X S_p. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable. ‡ = decarbed

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