PRODUCT NAME: Nano CBD Softgels with Curcumin

PRODUCT STRENGTH: 25 mg CBD / 250mg Curcumin

**TINCTURE BATCH:** 230811A, 231220B

**BEST BY DATE:** 6/30/2025 **HEMP EXTRACT LOT:** 23062805

#### Physical Atttributes

Test	Method	Specification	Results
Color	Internal	Red	PASS
Odor	Internal	No Odor	PASS
Appearance	Internal	Dry, ovoid softgel capsules in container with lid and shrink-band	PASS
Primary Package Eval.	Internal	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	Internal	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	HPLC-UV DAD	*NTL 25mg / softgel	29mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: <0.01% THC (Broad Spectrum)	ND	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	ND	PASS
Microbial Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^3 CFU/gram	Below LOQ	PASS
Heavy Metals Panel	ICP-MS	Arsenic (As): ≤1.5 ppm Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	ND	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb	ND	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	ND	PASS

\*\*Level of Quantitation, † Parts Per Million † Part Per Billion CFU/g=Colony Forming Units per Gram \*Nothing Less Than 10^2=100 CFU 10^3=1,000 CFU Quality Certified

Color

8/23/2023

Date



## **CBD Softgels 25 mg Curcumin**

Batch ID or Lot Number: 230811A	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 6
Reported:	Started:	Received:	
17Jul2023	14Jul2023	14Jul2023	

## **Cannabinoids - Colorado Compliance**

Test ID: T000248547

Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.089	0.292	<loq< td=""><td><loq< td=""><td># of Servings =</td></loq<></td></loq<>	<loq< td=""><td># of Servings =</td></loq<>	# of Servings =
Cannabichromenic Acid (CBCA)	0.081	0.267	ND	ND	Sample
Cannabidiol (CBD)	0.284	0.772	29.482	54.62	Weight=0.54g
Cannabidiolic Acid (CBDA)	0.291	0.792	ND	ND	
Cannabidivarin (CBDV)	0.067	0.183	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.121	0.330	ND	ND	
Cannabigerol (CBG)	0.050	0.166	2.799	5.19	
Cannabigerolic Acid (CBGA)	0.211	0.692	ND	ND	
Cannabinol (CBN)	0.066	0.216	ND	ND	
Cannabinolic Acid (CBNA)	0.144	0.472	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.251	0.825	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.228	0.749	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.202	0.664	ND	ND	
Tetrahydrocannabivarin (THCV)	0.046	0.151	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.178	0.585	ND	ND	
Total Cannabinoids			32.281	59.81	
Total Potential THC			ND	ND	
Total Potential CBD			29.482	54.62	

**Final Approval** 

Sam Smith Sawantha Small 18 Jul 2023 01:07:00 PM MDT

PREPARED BY / DATE

Winternheumer 01:10:00 PM MDT

Karen Winternheimer 18Jul2023



## **CBD Softgels 25 mg Curcumin**

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 2 of 6
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Reported:	Started:	Received:	
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## **Residual Solvents -Colorado Compliance**

Test ID: T000248552

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	78 - 1565	ND	
Butanes (Isobutane, n-Butane)	160 - 3196	ND	
Methanol	51 - 1012	ND	
Pentane	83 - 1658	ND	
Ethanol	83 - 1668	ND	
Acetone	83 - 1664	ND	
Isopropyl Alcohol	84 - 1685	ND	
Hexane	5 - 100	ND	
Ethyl Acetate	84 - 1675	ND	
Benzene	0.2 - 3.4	ND	
Heptanes	87 - 1747	ND	
Toluene	15 - 303	ND	
Xylenes (m,p,o-Xylenes)	110 - 2198	ND	

**Final Approval** 

Samantha Smill 18Jul2023 09:23:00 AM MDT

Sam Smith

PREPARED BY / DATE

APPROVED BY / DATE

Karen Winternheimer NUMIN 09:26:00 AM MDT



## **CBD Softgels 25 mg Curcumin**

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 4 of 6
230811A	Various	Finished Product	
Reported:	Started:	Received:	
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## **Mycotoxins - Colorado Compliance**

Test ID: T000248553

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	<b>Dynamic Range</b> (ppb)	Result (ppb)	Notes
Ochratoxin A	3.12 - 134.31	ND	N/A
Aflatoxin B1	1.09 - 34.51	ND	
Aflatoxin B2	1.05 - 34.65	ND	
Aflatoxin G1	1.09 - 34.34	ND	
Aflatoxin G2	1.19 - 34.95	ND	
Total Aflatoxins (B1, B2, G1, ar	nd G2)	ND	

#### **Final Approval**

Sawantha Small 19Jul2023 07:39:00 AM MDT

Sam Smith

PREPARED BY / DATE

Karen Winternheimer Winternheumer 07:41:00 AM MDT



## **CBD Softgels 25 mg Curcumin**

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230811A	Various	Finished Product	
Reported:	Started:	Received:	
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### **Pesticides**

Test ID: T000248549 Methods: TM17

(LC-QQ LC MS/MS)	<b>Dynamic Range</b> (ppb)	Result (ppb)
Abamectin	255 - 2854	ND
Acephate	35 - 2872	ND
Acetamiprid	36 - 2787	ND
Azoxystrobin	42 - 2668	ND
Bifenazate	40 - 2672	ND
Boscalid	39 - 2805	ND
Carbaryl	45 - 2743	ND
Carbofuran	41 - 2710	ND
Chlorantraniliprole	42 - 2703	ND
Chlorpyrifos	40 - 2737	ND
Clofentezine	281 - 2745	ND
Diazinon	287 - 2689	ND
Dichlorvos	256 - 2837	ND
Dimethoate	36 - 2774	ND
E-Fenpyroximate	348 - 2702	ND
Etofenprox	40 - 2694	ND
Etoxazole	304 - 2711	ND
Fenoxycarb	14 - 2677	ND
Fipronil	35 - 2756	ND
Flonicamid	42 - 2861	ND
Fludioxonil	299 - 2725	ND
Hexythiazox	41 - 2716	ND
Imazalil	286 - 2755	ND
Imidacloprid	38 - 2799	ND
Kresoxim-methyl	27 - 2685	ND

	<b>Dynamic Range</b> (ppb)	Result (ppb)
Malathion	290 - 2681	ND
Metalaxyl	40 - 2674	ND
Methiocarb	41 - 2707	ND
Methomyl	36 - 2844	ND
MGK 264 1	179 - 1660	ND
MGK 264 2	111 - 1107	ND
Myclobutanil	36 - 2673	ND
Naled	52 - 2759	ND
Oxamyl	36 - 2840	ND
Paclobutrazol	45 - 2705	ND
Permethrin	302 - 2697	ND
Phosmet	42 - 2662	ND
Prophos	282 - 2729	ND
Propoxur	42 - 2720	ND
Pyridaben	298 - 2724	ND
Spinosad A	30 - 2105	ND
Spinosad D	66 - 669	ND
Spiromesifen	241 - 2719	ND
Spirotetramat	300 - 2696	ND
Spiroxamine 1	18 - 1175	ND
Spiroxamine 2	20 - 1523	ND
Tebuconazole	332 - 2650	ND
Thiacloprid	36 - 2778	ND
Thiamethoxam	42 - 2801	ND
Trifloxystrobin	43 - 2705	ND

### **Final Approval**

Samantha Smoth

Sam Smith 20Jul2023 07:56:00 AM MDT

PREPARED BY / DATE

Mternheumer 07:59:00 AM MDT

APPROVED BY / DATE

Karen Winternheimer 20Jul2023



### **CBD Softgels 25 mg Curcumin**

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 6 of 6
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Reported:	Started:	Received:	
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## **Heavy Metals -Colorado Compliance**

Test ID: T000248551

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.71	ND	
Cadmium	0.05 - 4.68	ND	
Mercury	0.05 - 4.50	ND	•
Lead	0.05 - 4.53	ND	

#### **Final Approval**

Sawantha Smoll

Sam Smith 20Jul2023 02:53:00 PM MDT

PREPARED BY / DATE

Menheumer 02:59:00 PM MDT

Karen Winternheimer 20Jul2023



https://results.botanacor.com/api/v1/coas/uuid/8273d508-8c66-4fae-8fab-84045de07249

#### Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC + (Delta 9-THC + (Delta 9-THC + (0.877)) and Total CBD = CBD + (CBDa \*(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa \*(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details







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## SG25C - CBD Softgels 25 mg Curcumin

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 6
230811A	Various	Finished Product	
Reported:	Started:	Received:	
17Jul2023	14Jul2023	14Jul2023	

## Microbial Contaminants -Colorado Compliance

Test ID: T000248550

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial			Quantitation		
(Colorado Panel)	Method	LOD	Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

**Final Approval** 

Eden Thompson

Eden Thompson-Wright 17Jul2023 02:35:00 PM MDT

Buanne Maills b 17Jul2023 04:50:00 P

04:50:00 PM MDT

Brianne Maillot

PREPARED BY / DATE

APPROVED BY / DATE