

**PRODUCT NAME:** Full Spectrum Nano CBD Softgels

PRODUCT STRENGTH: 25mg CBD 250612A

 BEST BY DATE:
 6/30/26

 HEMP EXTRACT LOT:
 24060104

#### Physical Atttributes

Test	Method	Specification	Results
Color	Joy Internal	Golden to Amber	PASS
Odor	Joy Internal	No Odor	PASS
Appearance	Joy Internal	Dry, ovoid softgel capsules in container with lid and shrink-band	PASS
Primary Package Eval.	Joy Internal	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	Joy 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	*NLT 25mg / softgel	&+a [	PASS
Potency - D9-THC	HPLC-UV DAD	<005% (hwnspectrum)	\$' <b>*</b> a[	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	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	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb	Below LOQ	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	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

Color

6/27/2025

Quality Certified Name

Date



### Full Spectrum 25 mg CBD Softgels

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 3 of 5
250612A	Various	Finished Product	
Reported:	Started:	Received:	
14Jun2024	13Jun2024	12Jun2024	

## Cannabinoids - Colorado Compliance

Test ID: T000283546

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.040	0.152	0.626	1.04	# of Servings = 1
Cannabichromenic Acid (CBCA)	0.037	0.139	ND	ND	Sample
Cannabidiol (CBD)	0.147	0.404	27.122	45.07	Weight=0.602g
Cannabidiolic Acid (CBDA)	0.151	0.415	ND	ND	•
Cannabidivarin (CBDV)	0.035	0.096	<loq< td=""><td><loq< td=""><td>•</td></loq<></td></loq<>	<loq< td=""><td>•</td></loq<>	•
Cannabidivarinic Acid (CBDVA)	0.063	0.173	ND	ND	•
Cannabigerol (CBG)	0.023	0.086	0.731	1.21	•
Cannabigerolic Acid (CBGA)	0.096	0.360	ND	ND	•
Cannabinol (CBN)	0.030	0.112	<loq< td=""><td><loq< td=""><td>•</td></loq<></td></loq<>	<loq< td=""><td>•</td></loq<>	•
Cannabinolic Acid (CBNA)	0.065	0.245	ND	ND	•
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.114	0.429	ND	ND	•
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.104	0.389	0.602	1.00	•
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.092	0.345	ND	ND	•
Tetrahydrocannabivarin (THCV)	0.021	0.078	ND	ND	•
Tetrahydrocannabivarinic Acid (THCVA)	0.081	0.304	ND	ND	•
Total Cannabinoids			29.081	48.32	•
Total Potential THC			0.602	1.00	•
Total Potential CBD			27.122	45.07	•
					•

**Final Approval** 

Karen Winternheimer 18Jun2024 01:17:00 PM MDT

PREPARED BY / DATE

Sam Smith
18Jun2024
01:19:00 PM MDT

APPROVED BY / DATE

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## Full Spectrum 25 mg CBD Softgels

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### **Pesticides**

Test ID: T000283547 Methods: TM17

(LC-QQ LC MS/MS)	<b>Dynamic Range</b> (ppb)	Result (ppb)
Abamectin	304 - 2709	ND
Acephate	42 - 2773	ND
Acetamiprid	40 - 2733	ND
Azoxystrobin	41 - 2736	ND
Bifenazate	37 - 2702	ND
Boscalid	30 - 2789	ND
Carbaryl	35 - 2742	ND
Carbofuran	44 - 2699	ND
Chlorantraniliprole	43 - 2637	ND
Chlorpyrifos	51 - 2793	ND
Clofentezine	272 - 2725	ND
Diazinon	288 - 2748	ND
Dichlorvos	293 - 2789	ND
Dimethoate	43 - 2741	ND
E-Fenpyroximate	280 - 2804	ND
Etofenprox	41 - 2796	ND
Etoxazole	266 - 2690	ND
Fenoxycarb	46 - 3510	ND
Fipronil	37 - 2722	ND
Flonicamid	32 - 2796	ND
Fludioxonil	293 - 2699	ND
Hexythiazox	28 - 2808	ND
Imazalil	297 - 2730	ND
Imidacloprid	43 - 2775	ND
Kresoxim-methyl	34 - 2760	ND

	<b>Dynamic Range</b> (ppb)	Result (ppb)
Malathion	292 - 2701	ND
Metalaxyl	40 - 2735	ND
Methiocarb	40 - 2838	ND
Methomyl	44 - 2762	ND
MGK 264 1	166 - 1642	ND
MGK 264 2	105 - 1079	ND
Myclobutanil	38 - 2769	ND
Naled	39 - 2658	ND
Oxamyl	42 - 2777	ND
Paclobutrazol	43 - 2688	ND
Permethrin	269 - 2763	ND
Phosmet	38 - 2607	ND
Prophos	282 - 2800	ND
Propoxur	40 - 2707	ND
Pyridaben	274 - 2792	ND
Spinosad A	32 - 2113	ND
Spinosad D	63 - 678	ND
Spiromesifen	226 - 2779	ND
Spirotetramat	285 - 2752	ND
Spiroxamine 1	16 - 1061	ND
Spiroxamine 2	21 - 1505	ND
Tebuconazole	276 - 2710	ND
Thiacloprid	43 - 2749	ND
Thiamethoxam	37 - 2790	ND
Trifloxystrobin	41 - 2728	ND

### **Final Approval**

Sawantha Smill 14Jun2024 09:26:00 AM MDT

Sam Smith

PREPARED BY / DATE

14Jun2024 09:27:00 AM MDT

APPROVED BY / DATE

Karen Winternheimer



### Full Spectrum 25 mg CBD Softgels

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## **Residual Solvents -Colorado Compliance**

Test ID: T000283550

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	73 - 1456	ND	
Butanes (Isobutane, n-Butane)	147 - 2932	ND	
Methanol	57 - 1144	ND	
Pentane	77 - 1543	ND	
Ethanol	87 - 1733	ND	
Acetone	90 - 1790	ND	
Isopropyl Alcohol	96 - 1912	ND	
Hexane	6 - 111	ND	
Ethyl Acetate	93 - 1857	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	85 - 1709	ND	
Toluene	17 - 335	ND	
Xylenes (m,p,o-Xylenes)	123 - 2463	ND	

**Final Approval** 

PREPARED BY / DATE

Karen Winternheimer Menheumer 10:14:00 AM MDT

18Jun2024

Samantha Smot 18 Jun 2024 10:13:00 AM MDT

Sam Smith

APPROVED BY / DATE



### Full Spectrum 25 mg CBD Softgels

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## **Mycotoxins - Colorado Compliance**

Test ID: T000283551

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	<b>Dynamic Range</b> (ppb)	Result (ppb)	Notes
Ochratoxin A	2.21 - 128.82	ND	N/A
Aflatoxin B1	0.95 - 32.49	ND	
Aflatoxin B2	1.04 - 32.14	ND	
Aflatoxin G1	0.98 - 32.21	ND	
Aflatoxin G2	1.14 - 32.52	ND	
Total Aflatoxins (B1, B2, G1, ar	nd G2)	ND	

#### **Final Approval**

Samantha Somul 20Jun2024 09:39:00 AM MDT

Sam Smith

PREPARED BY / DATE

wtenheumer 09:41:00 AM MDT

Karen Winternheimer 20Jun2024



https://results.botanacor.com/api/v1/coas/uuid/ceba3e92-cf56-4e6d-9141-567038a76193

#### 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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. 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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## **Heavy Metals -Colorado Compliance**

Test ID: T000283549

Methods: TM19 (ICP-MS): Heavy

Metals	<b>Dynamic Range</b> (ppm)	Result (ppm)	
Arsenic	0.05 - 5.23	ND	
Cadmium	0.05 - 4.99	ND	
Mercury	0.05 - 4.86	ND	
Lead	0.05 - 4.89	ND	

**Final Approval** 

Karen Winternheimer 14Jun2024 W Material 14 11 12024 02:06:00 PM MDT

Sawantha Small 14Jun2024 02:38:00 PM MDT

Sam Smith

APPROVED BY / DATE

**Microbial** 

**Contaminants -Colorado Compliance** 

Test ID: T000283548

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** 

Brett Hudson 17Jun2024 03:08:00 PM MDT

Buanne Maillot 17Jun2024

Brianne Maillot 03:46:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE





DATE ISSUED 06/24/2025





### **Microbiology Analysis**

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

Analysis conducted by  $3M^{^{\text{TM}}}$  Petrifilm  $^{^{\text{TM}}}$  and plate counts of microbiological contaminants.

**Method:** QSP 6794 - Plating with  $3M^{TM}$  Petrifilm<sup>TM</sup>

#### MICROBIOLOGY TEST RESULTS (PCR) - 06/24/2025 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Salmonella spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS

#### MICROBIOLOGY TEST RESULTS (PLATING) - 06/24/2025 ND

COMPOUND	(cfu/g)
Coliforms	ND
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND