

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Nano CBD Softgels
PRODUCT STRENGTH: 10 mg CBD
TINCTURE BATCH: 230627A
BEST BY DATE: 6/13/2025
HEMP EXTRACT LOT: 23061002

Physical Attributes

Test	Method	Specification	Results
Color	Internal	Golden to Amber	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	*NLT 10 mg / softgel	11mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: >0.01% (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	Below LOQ	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Below LOQ	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† Aflatoxin 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
 10²=100 CFU
 10³=1,000 CFU

Quality Certified



 Name

7/12/2023

Date

10mg Broad Spectrum CBD Softgels

Batch ID or Lot Number: 230627A	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 6
Reported: 22Jun2023	Started: 20Jun2023	Received: 21Jun2023	

Cannabinoids - Colorado Compliance

Test ID: T000246822

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.059	0.171	ND	ND	# of Servings = 1 Sample Weight=0.517g
Cannabichromenic Acid (CBCA)	0.054	0.156	ND	ND	
Cannabidiol (CBD)	0.184	0.474	11.734	22.68	
Cannabidiolic Acid (CBDA)	0.189	0.486	ND	ND	
Cannabidivarin (CBDV)	0.044	0.112	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.079	0.203	ND	ND	
Cannabigerol (CBG)	0.033	0.097	ND	ND	
Cannabigerolic Acid (CBGA)	0.139	0.406	ND	ND	
Cannabinol (CBN)	0.044	0.127	ND	ND	
Cannabinolic Acid (CBNA)	0.095	0.277	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.166	0.483	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.151	0.439	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.134	0.389	ND	ND	
Tetrahydrocannabivarin (THCV)	0.030	0.088	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.118	0.343	ND	ND	
Total Cannabinoids			11.734	22.68	
Total Potential THC			ND	ND	
Total Potential CBD			11.734	22.68	

Final Approval

 Karen Winternheimer
 22Jun2023
 12:04:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 22Jun2023
 12:06:00 PM MDT
 APPROVED BY / DATE

10mg Broad Spectrum CBD Softgels

Batch ID or Lot Number: 230627A	Test, Test ID and Methods: Various	Matrix: Unit	Page 2 of 6
Reported: 22Jun2023	Started: 20Jun2023	Received: 21Jun2023	

Mycotoxins - Colorado Compliance


Test ID: T000246827

Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.39 - 133.49	ND	N/A
Aflatoxin B1	0.97 - 32.48	ND	
Aflatoxin B2	0.97 - 32.52	ND	
Aflatoxin G1	1.00 - 32.77	ND	
Aflatoxin G2	1.00 - 32.94	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


 Sam Smith
 23Jun2023
 01:33:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 23Jun2023
 01:36:00 PM MDT
 APPROVED BY / DATE


Heavy Metals - Colorado Compliance

Test ID: T000246825

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.03 - 3.03	ND	
Cadmium	0.05 - 4.73	ND	
Mercury	0.04 - 4.22	ND	
Lead	0.04 - 3.87	ND	

Final Approval


 Sam Smith
 25Jun2023
 10:53:00 AM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 25Jun2023
 11:08:00 AM MDT
 APPROVED BY / DATE

10mg Broad Spectrum CBD Softgels

Batch ID or Lot Number: 230627A	Test, Test ID and Methods: Various	Matrix: Unit	Page 3 of 6
Reported: 22Jun2023	Started: 20Jun2023	Received: 21Jun2023	


**Residual Solvents -
Colorado Compliance**

Test ID: T000246826

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	86 - 1725	ND	
Butanes (Isobutane, n-Butane)	172 - 3437	ND	
Methanol	51 - 1018	ND	
Pentane	84 - 1681	ND	
Ethanol	87 - 1733	ND	
Acetone	82 - 1647	ND	
Isopropyl Alcohol	85 - 1707	ND	
Hexane	5 - 99	ND	
Ethyl Acetate	82 - 1645	ND	
Benzene	0.2 - 3.4	ND	
Heptanes	85 - 1692	ND	
Toluene	15 - 300	ND	
Xylenes (m,p,o-Xylenes)	110 - 2194	ND	

Final Approval


 Sam Smith
 26Jun2023
 02:24:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 26Jun2023
 02:25:00 PM MDT
 APPROVED BY / DATE

10mg Broad Spectrum CBD Softgels

Batch ID or Lot Number: 230627A	Test, Test ID and Methods: Various	Matrix: Unit	Page 5 of 6
Reported: 22Jun2023	Started: 20Jun2023	Received: 21Jun2023	

Pesticides

Test ID: T000246823

Methods: TM17

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	308 - 2726	ND	Malathion	288 - 2702	ND
Acephate	43 - 2716	ND	Metalaxyl	46 - 2683	ND
Acetamiprid	42 - 2723	ND	Methiocarb	42 - 2713	ND
Azoxystrobin	46 - 2669	ND	Methomyl	42 - 2746	ND
Bifenazate	44 - 2667	ND	MGK 264 1	165 - 1708	ND
Boscalid	34 - 2701	ND	MGK 264 2	103 - 1089	ND
Carbaryl	39 - 2722	ND	Myclobutanil	45 - 2719	ND
Carbofuran	43 - 2710	ND	Naled	44 - 2717	ND
Chlorantraniliprole	43 - 2726	ND	Oxamyl	41 - 2764	ND
Chlorpyrifos	39 - 2759	ND	Paclbutrazol	46 - 2715	ND
Clofentezine	288 - 2741	ND	Permethrin	275 - 2730	ND
Diazinon	282 - 2686	ND	Phosmet	46 - 2656	ND
Dichlorvos	285 - 2755	ND	Prophos	293 - 2688	ND
Dimethoate	41 - 2731	ND	Propoxur	43 - 2714	ND
E-Fenpyroximate	272 - 2762	ND	Pyridaben	282 - 2760	ND
Etofenprox	43 - 2725	ND	Spinosad A	30 - 2076	ND
Etoxazole	278 - 2748	ND	Spinosad D	58 - 670	ND
Fenoxycarb	13 - 2670	ND	Spiromesifen	269 - 2733	ND
Fipronil	60 - 2716	ND	Spirotetramat	284 - 2693	ND
Flonicamid	52 - 2707	ND	Spiroxamine 1	18 - 1200	ND
Fludioxonil	306 - 2679	ND	Spiroxamine 2	24 - 1504	ND
Hexythiazox	40 - 2786	ND	Tebuconazole	287 - 2718	ND
Imazalil	267 - 2685	ND	Thiacloprid	41 - 2710	ND
Imidacloprid	45 - 2814	ND	Thiamethoxam	39 - 2741	ND
Kresoxim-methyl	45 - 2697	ND	Trifloxystrobin	44 - 2705	ND

Final Approval


 Karen Winternheimer
 29Jun2023
 10:44:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 29Jun2023
 10:46:00 AM MDT
 APPROVED BY / DATE

10mg Broad Spectrum CBD Softgels

Batch ID or Lot Number: 230627A	Test: Microbial Contaminants	Reported: 05Jul2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000247776	Started: 30Jun2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 30Jun2023	Status: Active

Microbial

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

Final Approval



Brienne Maillot
05Jul2023
09:08:00 AM MDT

PREPARED BY / DATE



Eden Thompson-Wright
05Jul2023
09:20:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e7d7f230-bd51-4d1e-863b-f0808ae64d35>

Definitions

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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.



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