CERTIFICATE OF ANALYSIS

PRODUCT NAME: Nano CBD Softgels
PRODUCT STRENGTH: 25 mg CBD
TINCTURE BATCH: 251021A
BEST BY DATE: 9/19/2027
HEMP EXTRACT LOT: 2509190

Physical Atttributes

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 25 mg / softgel	**29mg**	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	**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

Quality Certified — Name — 10/29/2025 — Date

Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.00%

Total THC (Δ9-THC+0.877*THCa)

TOTAL CBD: 29.082 mg per softgel

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 29.482 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 0.013 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.026 mg/unit

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.133 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.174 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 09/30/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±1.8061*	48.421	4.8421
CBDV	*0.002 / 0.012*	*±0.0118*	0.290	0.0290
CBC	*0.003 / 0.010*	*±0.0071*	0.222	0.0222
THCV	*0.002 / 0.012*	*±0.0022*	0.044	0.0044
CBN	*0.001 / 0.007*	*±0.0011*	0.040	0.0040
Δ^9-THC	*0.002 / 0.014*	*±0.0017*	0.031	0.0031
CBG	*0.002 / 0.006*	*±0.0011*	0.022	0.0022
CBL	*0.003 / 0.010*	*±0.0006*	0.017	0.0017
Δ^8-THC	*0.01 / 0.02*	*N/A*	ND	ND
THCa	*0.001 / 0.005*	*N/A*	ND	ND
THCVa	*0.002 / 0.019*	*N/A*	ND	ND
CBDa	*0.001 / 0.026*	*N/A*	ND	ND
CBDVa	*0.001 / 0.018*	*N/A*	ND	ND
CBGa	*0.002 / 0.007*	*N/A*	ND	ND
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			49.087 mg/g	4.9087%

Unit Mass: 0.6006 gram per Unit / Serving Size: 0.6006 gram per Serving

Δ^9-THC per Unit	0.01 mg/unit
Δ^9-THC per Serving	0.01 mg/serving
Total THC per Unit	0.01 mg/unit
Total THC per Serving	0.01 mg/serving
CBD per Unit	29.082 mg/unit
CBD per Serving	29.082 mg/serving
Total CBD per Unit	29.082 mg/unit
Total CBD per Serving	29.082 mg/serving
Sum of Cannabinoids per Unit	29.482 mg/unit
Sum of Cannabinoids per Serving	29.482 mg/serving
Total Cannabinoids per Unit	29.482 mg/unit
Total Cannabinoids per Serving	29.482 mg/serving

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Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 10/01/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.032 / 0.097	0.25	N/A	ND	PASS
Acephate	0.006 / 0.018	0.05	N/A	ND	PASS
Acequinocyl	0.009 / 0.027	≥ LOQ	N/A	ND	PASS
Acetamiprid	0.016 / 0.049	0.05	N/A	ND	PASS
Aldicarb	0.030 / 0.090	0.5	N/A	ND	PASS
Allethrin	0.030 / 0.092	0.1	N/A	ND	PASS
Atrazine	0.006 / 0.019	≥ LOQ	N/A	ND	PASS
Azadirachtin	0.082 / 0.248	0.5	N/A	ND	PASS
Azoxystrobin	0.003 / 0.009	0.01	N/A	ND	PASS
Benzovindiflupyr	0.003 / 0.009	0.01	N/A	ND	PASS
Bifenazate	0.003 / 0.009	0.01	N/A	ND	PASS
Bifenthrin	0.021 / 0.064	≥ LOQ	N/A	ND	PASS
Boscalid	0.003 / 0.009	0.01	N/A	ND	PASS
Buprofezin‡	0.006 / 0.019	≥ LOQ	N/A	ND	PASS
Carbaryl	0.007 / 0.020	0.025	N/A	ND	PASS
Carbofuran	0.003 / 0.008	0.01	N/A	ND	PASS
Chlorantraniliprole	0.006 / 0.018	≥ LOQ	N/A	ND	PASS
Chlorfenapyr*	0.005 / 0.015	1.5	N/A	ND	PASS
Chlorpyrifos	0.013 / 0.039	0.5	N/A	ND	PASS
Clofentezine	0.003 / 0.009	0.01	N/A	ND	PASS
Clothianidin	0.008 / 0.025	0.025	N/A	ND	PASS
Coumaphos	0.003 / 0.010	0.01	N/A	ND	PASS
Cyantraniliprole	0.003 / 0.010	0.01	N/A	ND	PASS
Cyfluthrin	0.052 / 0.159	≥ LOQ	N/A	ND	PASS
Cypermethrin	0.051 / 0.153	≥ LOQ	N/A	ND	PASS
Cyprodinil‡	0.003 / 0.008	0.01	N/A	ND	PASS
Daminozide	0.026 / 0.077	≥ LOQ	N/A	ND	PASS
Deltamethrin	0.059 / 0.180	≥ LOQ	N/A	ND	PASS
Diazinon	0.006 / 0.017	≥ LOQ	N/A	ND	PASS
Dichlorvos (DDVP)	0.012 / 0.038	0.05	N/A	ND	PASS
Dimethoate	0.003 / 0.009	0.01	N/A	ND	PASS
Dimethomorph	0.016 / 0.050	≥ LOQ	N/A	ND	PASS
Dinotefuran	0.010 / 0.030	0.05	N/A	ND	PASS
Diuron	0.013 / 0.040	≥ LOQ	N/A	ND	PASS
Dodemorph	0.012 / 0.035	≥ LOQ	N/A	ND	PASS
Endosulfan sulfate	0.016 / 0.048	2.5	N/A	ND	PASS
Endosulfan-α*	0.004 / 0.014	2.5	N/A	ND	PASS
Endosulfan-β*	0.006 / 0.019	2.5	N/A	ND	PASS
Ethoprophos	0.003 / 0.009	0.01	N/A	ND	PASS
Etofenprox	0.014 / 0.042	≥ LOQ	N/A	ND	PASS
Etoxazole	0.007 / 0.020	≥ LOQ	N/A	ND	PASS

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 10/01/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Etridiazole*	0.002 / 0.005	0.15	N/A	ND	PASS
Fenhexamid	0.003 / 0.008	≥ LOQ	N/A	ND	PASS
Fenoxycarb	0.003 / 0.010	0.01	N/A	ND	PASS
Fenpyroximate	0.007 / 0.020	≥ LOQ	N/A	ND	PASS
Fensulfothion	0.003 / 0.010	0.01	N/A	ND	PASS
Fenthion	0.003 / 0.010	0.01	N/A	ND	PASS
Fenvalerate‡	0.033 / 0.099	≥ LOQ	N/A	ND	PASS
Fipronil	0.003 / 0.010	0.01	N/A	ND	PASS
Flonicamid	0.007 / 0.022	0.025	N/A	ND	PASS
Fludioxonil	0.003 / 0.010	0.01	N/A	ND	PASS
Fluopyram‡	0.003 / 0.009	0.01	N/A	ND	PASS
Hexythiazox	0.003 / 0.010	≥ LOQ	N/A	ND	PASS
Imazalil	0.003 / 0.009	0.01	N/A	ND	PASS
Imidacloprid	0.003 / 0.010	0.01	N/A	ND	PASS
Iprodione	0.077 / 0.233	0.5	N/A	ND	PASS
Kinoprene	0.077 / 0.233	1.25	N/A	ND	PASS
Kresoxim-methyl	0.006 / 0.019	0.15	N/A	ND	PASS
λ-Cyhalothrin	0.068 / 0.206	≥ LOQ	N/A	ND	PASS
Malathion	0.003 / 0.009	0.01	N/A	ND	PASS
Metalaxyl	0.003 / 0.010	0.01	N/A	ND	PASS
Methiocarb	0.003 / 0.008	0.01	N/A	ND	PASS
Methomyl	0.008 / 0.025	0.025	N/A	ND	PASS
Methoprene	0.172 / 0.521	≥ LOQ	N/A	ND	PASS
Mevinphos	0.008 / 0.024	0.025	N/A	ND	PASS
MGK-264	0.015 / 0.047	≥ LOQ	N/A	ND	PASS
Myclobutanil	0.003 / 0.009	0.01	N/A	ND	PASS
Naled	0.021 / 0.064	≥ LOQ	N/A	ND	PASS
Novaluron	0.002 / 0.005	0.025	N/A	ND	PASS
Oxamyl	0.017 / 0.051	1.5	N/A	ND	PASS
Paclobutrazol	0.003 / 0.010	0.01	N/A	ND	PASS
Parathion-methyl	0.016 / 0.050	≥ LOQ	N/A	ND	PASS
Pentachloronitro-benzene (Quintozene)*	0.004 / 0.012	≥ LOQ	N/A	ND	PASS
Permethrin	0.056 / 0.168	≥ LOQ	N/A	ND	PASS
Phenothrin	0.016 / 0.047	≥ LOQ	N/A	ND	PASS
Phosmet	0.007 / 0.020	≥ LOQ	N/A	ND	PASS
Piperonyl Butoxide	0.010 / 0.029	1.25	N/A	ND	PASS
Pirimicarb	0.003 / 0.009	0.01	N/A	ND	PASS
Prallethrin	0.015 / 0.046	≥ LOQ	N/A	ND	PASS
Propiconazole	0.027 / 0.080	≥ LOQ	N/A	ND	PASS
Propoxur	0.003 / 0.008	0.01	N/A	ND	PASS
Pyraclostrobin	0.003 / 0.010	0.01	N/A	ND	PASS

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 10/01/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Pyrethrins	*0.016 / 0.049*	*≥ LOQ*	*N/A*	ND	PASS
Pyridaben	*0.005 / 0.017*	*0.02*	*N/A*	ND	PASS
Pyriproxyfen	*0.003 / 0.009*	*≥ LOQ*	*N/A*	ND	PASS
Resmethrin	*0.013 / 0.039*	*0.05*	*N/A*	ND	PASS
Spinetoram	*0.003 / 0.010*	*0.01*	*N/A*	ND	PASS
Spinosad	*0.003 / 0.010*	*0.01*	*N/A*	ND	PASS
Spirodiclofen	*0.031 / 0.093*	*≥ LOQ*	*N/A*	ND	PASS
Spiromesifen	*0.016 / 0.050*	*≥ LOQ*	*N/A*	ND	PASS
Spirotetramat	*0.003 / 0.010*	*0.01*	*N/A*	ND	PASS
Spiroxamine	*0.020 / 0.062*	*≥ LOQ*	*N/A*	ND	PASS
Tebuconazole	*0.003 / 0.010*	*0.01*	*N/A*	ND	PASS
Tebufenozide	*0.003 / 0.008*	*0.01*	*N/A*	ND	PASS
Teflubenzuron	*0.007 / 0.022*	*0.025*	*N/A*	ND	PASS
Tetrachlorvinphos	*0.003 / 0.008*	*0.01*	*N/A*	ND	PASS
Tetramethrin	*0.021 / 0.063*	*≥ LOQ*	*N/A*	ND	PASS
Thiabendazole	*0.006 / 0.020*	*≥ LOQ*	*N/A*	ND	PASS
Thiacloprid	*0.003 / 0.009*	*0.01*	*N/A*	ND	PASS
Thiamethoxam	*0.003 / 0.010*	*0.01*	*N/A*	ND	PASS
Thiophanate-methyl	*0.013 / 0.040*	*≥ LOQ*	*N/A*	ND	PASS
Trifloxystrobin	*0.003 / 0.009*	*0.01*	*N/A*	ND	PASS

Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 10/01/2025 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	*1.6 / 5.0*	*5*	*N/A*	ND	PASS
Aflatoxin B2	*1.4 / 4.1*		*N/A*	ND	
Aflatoxin G1	*1.6 / 4.9*		*N/A*	ND	
Aflatoxin G2	*1.6 / 5.0*		*N/A*	ND	
Ochratoxin A	*1.6 / 5.0*	*5*	*N/A*	ND	PASS
Total Aflatoxin		*20*		ND	PASS

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Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Total Butanes = n-Butane + 2-Methylpropane (Isobutane)
Total Heptanes = 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane
Total Xylenes = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)

RESIDUAL SOLVENTS TEST RESULTS - 09/30/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	*0.234 / 0.781*	*1000*	*N/A*	ND	PASS
2-Methylpropane (Isobutane)	*0.052 / 0.173*		*N/A*	ND	
n-Butane	*0.019 / 0.063*		*N/A*	ND	
Total Butanes		*1000*		ND	PASS
n-Pentane	*0.310 / 1.033*	*1000*	*N/A*	ND	PASS
n-Hexane	*0.110 / 0.366*	*60*	*N/A*	ND	PASS
2,2-Dimethylpentane (Neoheptane)	*0.493 / 1.642*		*N/A*	ND	
2,3-Dimethylpentane	*1.009 / 3.365*		*N/A*	ND	
2,4-Dimethylpentane	*0.737 / 2.458*		*N/A*	ND	
3,3-Dimethylpentane	*0.198 / 0.660*		*N/A*	ND	
2,2,3-Trimethylbutane (Triptane)	*0.521 / 1.738*		*N/A*	ND	
2-Methylhexane (Isoheptane)	*0.610 / 2.034*		*N/A*	ND	
3-Methylhexane	*0.235 / 0.785*		*N/A*	ND	
3-Ethylpentane	*0.304 / 1.012*		*N/A*	ND	
n-Heptane	*13.12 / 43.72*		*N/A*	ND	
Total Heptanes		*1000*		ND	PASS
Benzene	*0.089 / 0.295*	*2*	*N/A*	ND	PASS
Toluene	*0.115 / 0.382*	*180*	*N/A*	ND	PASS
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	*0.451 / 1.502*		*N/A*	ND	
1,2-Dimethylbenzene (o-Xylene)	*0.387 / 1.289*		*N/A*	ND	
Total Xylenes		*430*		ND	PASS
Methanol	*53.92 / 163.4*	*600*	*N/A*	ND	PASS
Ethanol	*8.984 / 27.23*	*1000*	*N/A*	ND	PASS
2-Propanol (Isopropyl Alcohol)	*8.421 / 25.52*	*1000*	*N/A*	ND	PASS
Acetone	*10.59 / 32.08*	*1000*	*N/A*	ND	PASS
Ethyl Acetate	*1.123 / 3.745*	*1000*	*N/A*	ND	PASS

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 10/01/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.02 / 0.1*	*1.5*	*N/A*	ND	PASS
Cadmium	*0.02 / 0.05*	*0.5*	*N/A*	ND	PASS
Lead	*0.04 / 0.1*	*0.5*	*N/A*	ND	PASS
Mercury	*0.002 / 0.01*	*1.5*	*N/A*	ND	PASS

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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

MICROBIOLOGY TEST RESULTS (PCR) - 09/30/2025 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
***Salmonella* spp.**	*Not Detected in 25g*	**ND**	**PASS**
Shiga toxin-producing *Escherichia coli*	*Not Detected in 25g*	**ND**	**PASS**

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PLATING) - 09/30/2025 PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Coliforms	*100*	**ND**	**PASS**
Total Aerobic Bacteria	*10000*	**100.0**	**PASS**
Total Yeast and Mold	*1000*	**ND**	**PASS**

NOTES

Reason for Amendment: Unit/Serving Mass Change Sample serving mass provided by client. Sample unit mass provided by client.

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