

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBN Calming Serum

Batch ID or Lot Number: 513F406-0740	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 06Apr2025	Started: 03Apr2025	Received: 03Apr2025	

Pesticides

Test ID: T000302542

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	407 - 2676	ND
Acephate	34 - 2781	ND
Acetamiprid	41 - 2768	ND
Azoxystrobin	45 - 2642	ND
Bifenazate	42 - 2674	ND
Boscalid	43 - 2773	ND
Carbaryl	43 - 2725	ND
Carbofuran	44 - 2709	ND
Chlorantraniliprole	37 - 2766	ND
Chlorpyrifos	43 - 2786	ND
Clofentezine	289 - 2735	ND
Diazinon	286 - 2670	ND
Dichlorvos	264 - 2804	ND
Dimethoate	36 - 2798	ND
E-Fenpyroximate	278 - 2767	ND
Etofenprox	40 - 2734	ND
Etoxazole	282 - 2670	ND
Fenoxycarb	39 - 2629	ND
Fipronil	55 - 2672	ND
Flonicamid	48 - 2863	ND
Fludioxonil	251 - 2751	ND
Hexythiazox	43 - 2770	ND
Imazalil	282 - 2680	ND
Imidacloprid	45 - 2802	ND
Kresoxim-methyl	44 - 2710	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	285 - 2624	ND
Metalaxyl	42 - 2670	ND
Methiocarb	46 - 2783	ND
Methomyl	42 - 2822	ND
MGK 264 1	163 - 1613	ND
MGK 264 2	118 - 1108	ND
Myclobutanil	42 - 2736	ND
Naled	46 - 2717	ND
Oxamyl	43 - 2810	ND
Paclobutrazol	48 - 2699	ND
Permethrin	306 - 2722	ND
Phosmet	39 - 2535	ND
Prophos	274 - 2775	ND
Propoxur	43 - 2726	ND
Pyridaben	293 - 2753	ND
Spinosad A	36 - 2098	ND
Spinosad D	68 - 654	ND
Spiromesifen	266 - 2731	ND
Spirotetramat	299 - 2700	ND
Spiroxamine 1	16 - 1052	ND
Spiroxamine 2	24 - 1634	ND
Tebuconazole	310 - 2637	ND
Thiacloprid	41 - 2805	ND
Thiamethoxam	42 - 2799	ND
Trifloxystrobin	43 - 2742	ND

Final Approval


Judith Marquez
06Apr2025
10:24:00 AM MDT
PREPARED BY / DATE


Sam Smith
06Apr2025
10:27:00 AM MDT
APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBN Calming Serum

Batch ID or Lot Number:

513F406-0740

Test, Test ID and Methods:

Various

Matrix:

Finished Product

Page 2 of 6

Reported:

06Apr2025

Started:

03Apr2025

Received:

03Apr2025

Microbial Contaminants - Colorado Compliance

Test ID: T000302543

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

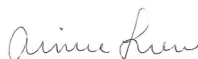
	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture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



Nora Langer
06Apr2025
03:06:00 PM MDT

PREPARED BY / DATE



Aimee Lowe
07Apr2025
03:47:00 PM MDT

APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBN Calming Serum

Batch ID or Lot Number:

513F406-0740

Test, Test ID and Methods:

Various

Matrix:

Finished Product

Page 3 of 6

Reported:

06Apr2025

Started:

03Apr2025

Received:

03Apr2025

Residual Solvents - Colorado Compliance

Test ID: T000302545

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	84 - 1685	ND	
Butanes (Isobutane, n-Butane)	165 - 3306	ND	
Methanol	63 - 1251	ND	
Pentane	85 - 1690	ND	
Ethanol	90 - 1802	ND	
Acetone	90 - 1799	ND	
Isopropyl Alcohol	94 - 1870	ND	
Hexane	5 - 110	ND	
Ethyl Acetate	93 - 1853	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	90 - 1796	ND	
Toluene	17 - 338	ND	
Xylenes (m,p,o-Xylenes)	123 - 2460	ND	

Final Approval



Judith Marquez
08Apr2025
01:13:00 PM MDT

PREPARED BY / DATE



Sam Smith
08Apr2025
01:17:00 PM MDT

APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBN Calming Serum

Batch ID or Lot Number:

513F406-0740

Test, Test ID and Methods:

Various

Matrix:

Finished Product

Page 4 of 6

Reported:

06Apr2025

Started:

03Apr2025

Received:

03Apr2025

Cannabinoids - Colorado Compliance

Test ID: T000302541

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

Cannabinoid Analysis

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.132	0.521	ND	ND	Density = 0.900578g/mL
Cannabichromenic Acid (CBCA)	0.121	0.476	ND	ND	
Cannabidiol (CBD)	0.533	1.422	ND	ND	
Cannabidiolic Acid (CBDA)	0.547	1.459	ND	ND	
Cannabidivarin (CBDV)	0.126	0.336	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.228	0.609	ND	ND	
Cannabigerol (CBG)	0.075	0.296	0.340	0.38	
Cannabigerolic Acid (CBGA)	0.314	1.236	ND	ND	
Cannabinol (CBN)	0.098	0.386	34.623	38.45	
Cannabinolic Acid (CBNA)	0.214	0.843	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.374	1.472	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.340	1.337	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.301	1.185	ND	ND	
Tetrahydrocannabivarin (THCV)	0.068	0.269	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.266	1.045	ND	ND	
Total Cannabinoids			34.963	38.83	
Total Potential THC			ND	ND	
Total Potential CBD			ND	ND	

Final Approval



Judith Marquez
08Apr2025
03:00:00 PM MDT

PREPARED BY / DATE



Sam Smith
08Apr2025
03:03:00 PM MDT

APPROVED BY / DATE

Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals CBN Calming Serum

Batch ID or Lot Number: 513F406-0740	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 6
Reported: 06Apr2025	Started: 03Apr2025	Received: 03Apr2025	

Mycotoxins - Colorado Compliance

Test ID: T000302547

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.49 - 135.42	ND	N/A
Aflatoxin B1	1.09 - 33.88	ND	
Aflatoxin B2	1.06 - 33.78	ND	
Aflatoxin G1	1.15 - 34.31	ND	
Aflatoxin G2	1.35 - 34.14	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Judith Marquez
09Apr2025
07:33:00 AM MDT

PREPARED BY / DATE



Sam Smith
09Apr2025
07:39:00 AM MDT

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000302544

Methods: TM19 (ICP-MS): Heavy

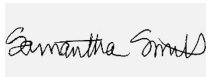
Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.00	ND	
Cadmium	0.04 - 4.33	ND	
Mercury	0.04 - 4.27	ND	
Lead	0.04 - 4.35	ND	

Final Approval



Judith Marquez
10Apr2025
11:51:00 AM MDT

PREPARED BY / DATE



Sam Smith
10Apr2025
11:53:00 AM MDT

APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBN Calming Serum

Batch ID or Lot Number:

513F406-0740

Test, Test ID and Methods:

Various

Matrix:

Finished Product

Page 6 of 6

Reported:

06Apr2025

Started:

03Apr2025

Received:

03Apr2025



<https://results.botanacor.com/api/v1/coas/uuid/10007b1e-05d4-4e81-a8f9-d919fdde70e2>

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-THCa * (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](#).



Cert #4329.02

10007b1e05d44e81a8f9d919fdde70e2.1