

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964 DENVER, CO USA 80202

NuLeaf Naturals CBN Softgel Formulation

Batch ID or Lot Number:	Test:	Reported:	USDA License:	
N323S	Potency	09Jun2023	N/A	
Matrix:	Test ID:	Started:	Sampler ID:	
Solution	T000245925	07Jun2023	N/A	
	Method(s): TM14 (HPLC-DAD)	Received: 07Jun2023	Status: N/A	

- 11 11			Result		
Cannabinoids	LOD (mg/mL)	LOQ (mg/mL)	(mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.294	0.859	1.690	1.80	Density = 0.92g/ml
Cannabichromenic Acid (CBCA)	0.269	0.786	ND	ND	
Cannabidiol (CBD)	0.739	2.214	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidiolic Acid (CBDA)	0.758	2.271	ND	ND	
Cannabidivarin (CBDV)	0.175	0.524	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.316	0.947	ND	ND	
Cannabigerol (CBG)	0.167	0.488	2.020	2.20	
Cannabigerolic Acid (CBGA)	0.698	2.039	ND	ND	
Cannabinol (CBN)	0.218	0.636	29.950	32.60	
Cannabinolic Acid (CBNA)	0.476	1.391	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.831	2.429	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.755	2.206	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.669	1.955	ND	ND	
Tetrahydrocannabivarin (THCV)	0.152	0.444	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.590	1.724	ND	ND	
Total Cannabinoids			33.660	36.60	
Total Potential THC			0.000	0.00	
Total Potential CBD			0.000	0.00	

Final Approval

L Wintersheimer PREPARED BY / DATE Karen Winternheimer 09Jun2023 11:36:00 AM MDT

Sam Smith 09Jun2023 11:40:00 AM MDT



APPROVED BY / DATE

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Definitions

% = % (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 a *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

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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1550 LARIMER ST. #964 DENVER, CO USA 80202

NuLeaf Naturals CBN Softgel Formulation

Batch ID or Lot Number:	Test:	Reported:	USDA License:
N323S	Heavy Metals	14Jun2023	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000245928	12Jun2023	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	07Jun2023	NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes	
Arsenic	0.04 - 4.40	ND		
Cadmium	0.05 - 4.54	ND		
Mercury	0.05 - 4.70	ND		
Lead	0.05 - 4.91	ND		

Final Approval

PREPARED BY / DATE

Samantha Smoll

Sam Smith 14Jun2023 09:46:00 AM MDT

APPROVED BY / DATE

Karen Winternheimer 14Jun2023 09:48:00 AM MDT



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Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964 DENVER, CO USA 80202

NuLeaf Naturals CBN Softgel Formulation

Batch ID or Lot Number: N323S	Test: Microbial Contaminants	Reported: 12Jun2023	USDA License: NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000245927	26May2023	NA
	Method(s):	Received:	Status:
	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	07Jun2023	NA

Microbial			Quantitation		
Contaminants	Method	LOD	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

Rest Celus

Brett Hudson 12Jun2023 03:06:00 PM MDT

Buanne Maillot

Brianne Maillot 12Jun2023 04:58:00 PM MDT



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APPROVED BY / DATE

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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

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1550 LARIMER ST. #964 DENVER, CO USA 80202

NuLeaf Naturals CBN Softgel Formulation

Batch ID or Lot Number:	Test:	Reported:	USDA License:
N323S	Pesticides	09Jun2023	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000245926	08Jun2023	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	07Jun2023	NA

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	331 - 2619	ND
Acephate	40 - 2714	ND
Acetamiprid	40 - 2702	ND
Azoxystrobin	46 - 2711	ND
Bifenazate	42 - 2692	ND
Boscalid	41 - 2623	ND
Carbaryl	39 - 2708	ND
Carbofuran	42 - 2712	ND
Chlorantraniliprole	42 - 2644	ND
Chlorpyrifos	44 - 2683	ND
Clofentezine	279 - 2741	ND
Diazinon	282 - 2710	ND
Dichlorvos	268 - 2731	ND
Dimethoate	42 - 2690	ND
E-Fenpyroximate	281 - 2706	ND
Etofenprox	42 - 2618	ND
Etoxazole	291 - 2665	ND
Fenoxycarb	31 - 2764	ND
Fipronil	45 - 2634	ND
Flonicamid	55 - 2716	ND
Fludioxonil	273 - 2638	ND
Hexythiazox	35 - 2731	ND
Imazalil	280 - 2760	ND
Imidacloprid	36 - 2711	ND
Kresoxim-methyl	46 - 2763	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	280 - 2712	ND
Metalaxyl	42 - 2714	ND
Methiocarb	42 - 2645	ND
Methomyl	41 - 2736	ND
MGK 264 1	174 - 1684	ND
MGK 264 2	107 - 1086	ND
Myclobutanil	47 - 2661	ND
Naled	40 - 2731	ND
Oxamyl	41 - 2722	ND
Paclobutrazol	41 - 2712	ND
Permethrin	308 - 2721	ND
Phosmet	47 - 2707	ND
Prophos	294 - 2641	ND
Propoxur	42 - 2703	ND
Pyridaben	288 - 2659	ND
Spinosad A	30 - 2082	ND
Spinosad D	62 - 654	ND
Spiromesifen	252 - 2670	ND
Spirotetramat	270 - 2756	ND
Spiroxamine 1	18 - 1158	ND
Spiroxamine 2	22 - 1479	ND
Tebuconazole	265 - 2723	ND
Thiacloprid	42 - 2694	ND
Thiamethoxam	41 - 2745	ND
Trifloxystrobin	44 - 2702	ND

Final Approval

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Somantha Smull

Sam Smith 09Jun2023 01:23:00 PM MDT

APPROVED BY / DATE

Karen Winternheimer 09Jun2023 01:29:00 PM MDT



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Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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NuLeaf Naturals CBN Softgel Formulation

Batch ID or Lot Number:	Test:	Reported:	USDA License:
N323S	Residual Solvents	09Jun2023	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000245929	08Jun2023	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	07Jun2023	Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	97 - 1944	ND	
Butanes (Isobutane, n-Butane)	177 - 3546	ND	
Methanol	52 - 1039	ND	
Pentane	79 - 1583	ND	
Ethanol	90 - 1802	ND	
Acetone	84 - 1672	ND	
Isopropyl Alcohol	91 - 1827	ND	
Hexane	5 - 96	ND	
Ethyl Acetate	84 - 1685	ND	
Benzene	0.2 - 3.5	ND	
Heptanes	86 - 1725	ND	
Toluene	16 - 310	ND	
Xylenes (m,p,o-Xylenes)	119 - 2380	ND	

Final Approval

Samantha Smoll

Sam Smith 09Jun2023 08:26:00 AM MDT Winternheimer APPROVED BY / DATE Karen Winternheimer 09Jun2023 08:30:00 AM MDT



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Definitions

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