

Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals Pet Balm 300mg

Batch ID or Lot Number: D293EF	Test: Potency	Reported: 28Mar2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000275256	Started: 26Mar2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 22Mar2024	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.020	0.058	ND	ND	
Cannabichromenic Acid (CBCA)	0.018	0.053	ND	ND	
Cannabidiol (CBD)	0.069	0.165	0.560	5.60	
Cannabidiolic Acid (CBDA)	0.071	0.169	ND	ND	
Cannabidivarin (CBDV)	0.016	0.039	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.030	0.071	ND	ND	
Cannabigerol (CBG)	0.011	0.033	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.047	0.137	ND	ND	
Cannabinol (CBN)	0.015	0.043	ND	ND	
Cannabinolic Acid (CBNA)	0.032	0.094	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.056	0.163	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.051	0.148	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.045	0.131	ND	ND	
Tetrahydrocannabivarin (THCV)	0.010	0.030	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.040	0.116	ND	ND	
Total Cannabinoids			0.560	5.60	
Total Potential THC			ND	ND	
Total Potential CBD			0.560	5.60	

Final Approval



Karen Winternheimer
28Mar2024
11:12:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
28Mar2024
11:13:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/892dbb6e-3548-4afa-b9eb-a75b0ed0513a>

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-THCa *(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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals Pet Balm 300mg

Batch ID or Lot Number: D293EF	Test: Heavy Metals	Reported: 28Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000275259	Started: 28Mar2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 22Mar2024	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.64	ND	
Cadmium	0.04 - 4.40	ND	
Mercury	0.04 - 4.42	ND	
Lead	0.04 - 4.38	ND	

Final Approval



Phillip Travisano
28Mar2024
03:29:00 PM MDT

PREPARED BY / DATE



Colin Hendrickson
28Mar2024
05:35:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/293e5997-4dc3-49a8-ae03-0fe2f1b506ea>

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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Cert #4329.02
293e59974dc349a8ae030fe2f1b506ea.1

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals Pet Balm 300mg

Batch ID or Lot Number: D293EF	Test: Microbial Contaminants	Reported: 28Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000275258	Started: 25Mar2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 22Mar2024	Status: NA

Microbial

Contaminants

Contaminants	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



Brett Hudson
28Mar2024
11:39:00 AM MDT



Brianne Maillot
28Mar2024
12:59:00 PM MDT



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<https://results.botanacor.com/api/v1/coas/uuid/7d7d6c21-6be9-4d38-840d-3e56f633579e>

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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Prepared for:
NULEAF NATURALS


1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals Pet Balm 300mg

Batch ID or Lot Number: D293EF	Test: Pesticides	Reported: 29Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000275257	Started: 27Mar2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 22Mar2024	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	353 - 2766	ND	Malathion	287 - 2690	ND
Acephate	40 - 2715	ND	Metalaxyl	45 - 2665	ND
Acetamiprid	42 - 2686	ND	Methiocarb	41 - 2782	ND
Azoxystrobin	43 - 2696	ND	Methomyl	41 - 2736	ND
Bifenazate	40 - 2677	ND	MGK 264 1	157 - 1604	ND
Boscalid	50 - 2724	ND	MGK 264 2	104 - 1096	ND
Carbaryl	40 - 2687	ND	Myclobutanil	39 - 2780	ND
Carbofuran	42 - 2683	ND	Naled	44 - 2666	ND
Chlorantraniliprole	46 - 2776	ND	Oxamyl	40 - 2750	ND
Chlorpyrifos	44 - 2738	ND	Pacllobutrazol	39 - 2687	ND
Clofentezine	281 - 2731	ND	Permethrin	266 - 2762	ND
Diazinon	281 - 2691	ND	Phosmet	41 - 2559	ND
Dichlorvos	270 - 2733	ND	Prophos	288 - 2753	ND
Dimethoate	42 - 2686	ND	Propoxur	43 - 2696	ND
E-Fenproximate	261 - 2758	ND	Pyridaben	281 - 2768	ND
Etofenprox	43 - 2727	ND	Spinosad A	34 - 2079	ND
Etoxazole	277 - 2656	ND	Spinosad D	65 - 655	ND
Fenoxycarb	44 - 2705	ND	Spiromesifen	269 - 2727	ND
Fipronil	41 - 2620	ND	Spirotetramat	282 - 2740	ND
Flonicamid	40 - 2793	ND	Spiroxamine 1	15 - 1057	ND
Fludioxonil	255 - 2762	ND	Spiroxamine 2	23 - 1635	ND
Hexythiazox	41 - 2755	ND	Tebuconazole	284 - 2722	ND
Imazalil	282 - 2730	ND	Thiacloprid	41 - 2704	ND
Imidacloprid	48 - 2778	ND	Thiamethoxam	40 - 2730	ND
Kresoxim-methyl	42 - 2735	ND	Trifloxystrobin	42 - 2699	ND

Final Approval



Karen Winternheimer
29Mar2024
01:11:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
29Mar2024
01:13:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b712428e-3a77-42b6-b8ff-5c7918ea29da>

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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Prepared for:

NULEAF NATURALS


1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals Pet Balm 300mg

Batch ID or Lot Number: D293EF	Test: Residual Solvents	Reported: 29Mar2024	USDA License: N/A
Matrix: Topical	Test ID: T000275260	Started: 28Mar2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 22Mar2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	68 - 1355	ND	
Butanes (Isobutane, n-Butane)	141 - 2822	ND	
Methanol	56 - 1124	ND	
Pentane	77 - 1539	ND	
Ethanol	80 - 1590	ND	
Acetone	91 - 1815	ND	
Isopropyl Alcohol	96 - 1929	ND	
Hexane	6 - 113	ND	
Ethyl Acetate	93 - 1855	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	87 - 1739	ND	
Toluene	17 - 335	ND	
Xylenes (m,p,o-Xylenes)	120 - 2391	ND	

Final Approval



Karen Winternheimer
29Mar2024
02:38:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
29Mar2024
02:40:00 PM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/fe7711cd-6c73-4d61-ba78-2f9ecf466519>

Definitions

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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 Pet Balm 300mg

Batch ID or Lot Number: D293EF	Test: Mycotoxins	Reported: 28Mar2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000275261	Started: 26Mar2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 22Mar2024	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.43 - 134.23	ND	N/A
Aflatoxin B1	0.93 - 33.90	ND	
Aflatoxin B2	0.99 - 33.77	ND	
Aflatoxin G1	0.96 - 33.52	ND	
Aflatoxin G2	0.93 - 34.06	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
28Mar2024
08:48:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
28Mar2024
08:49:00 AM MDT

APPROVED BY / DATE



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Definitions

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