

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

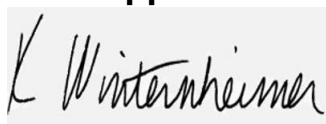
NuLeaf Naturals CBD Balm

Batch ID or Lot Number: 341F406-0162	Test: Potency	Reported: 19Oct2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000259401	Started: 19Oct2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 18Oct2023	Status: N/A

Cannabinoids

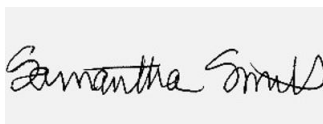
	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.019	0.061	0.110	1.10	
Cannabichromenic Acid (CBCA)	0.017	0.056	ND	ND	
Cannabidiol (CBD)	0.057	0.160	2.300	23.00	
Cannabidiolic Acid (CBDA)	0.059	0.164	ND	ND	
Cannabidivarin (CBDV)	0.014	0.038	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.024	0.068	ND	ND	
Cannabigerol (CBG)	0.011	0.035	0.070	0.70	
Cannabigerolic Acid (CBGA)	0.045	0.145	ND	ND	
Cannabinol (CBN)	0.014	0.045	ND	ND	
Cannabinolic Acid (CBNA)	0.031	0.099	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.053	0.172	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.049	0.157	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.043	0.139	ND	ND	
Tetrahydrocannabivarin (THCV)	0.010	0.031	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.038	0.122	ND	ND	
Total Cannabinoids			2.480	24.80	
Total Potential THC			0.000	0.00	
Total Potential CBD			2.300	23.00	

Final Approval



Karen Winternheimer
19Oct2023
04:32:00 PM MDT

PREPARED BY / DATE



Sam Smith
19Oct2023
04:35:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/25cb4f26-e886-47bd-99bf-f09286fce7fa>

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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NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBD Balm

Batch ID or Lot Number: 341F406-0162	Test: Heavy Metals	Reported: 25Oct2023	USDA License: NA
Matrix: Finished Product	Test ID: T000259404	Started: 24Oct2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 18Oct2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.43	ND	
Cadmium	0.05 - 4.55	ND	
Mercury	0.05 - 4.67	ND	
Lead	0.05 - 4.64	ND	

Final Approval



Sam Smith
25Oct2023
01:58:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
25Oct2023
02:05:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/75061537-28ec-4342-bfc1-8bcd9ee6e73>

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 CBD Balm

Batch ID or Lot Number: 341F406-0162	Test: Microbial Contaminants	Reported: 23Oct2023	USDA License: NA
Matrix: Finished Product	Test ID: T000259403	Started: 19Oct2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 18Oct2023	Status: NA

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
<i>Salmonella</i>	TM25: PCR	10^0 CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10^1 CFU/g	1.0×10^2 - 1.5×10^4	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10^2 CFU/g	1.0×10^3 - 1.5×10^5	None Detected	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	1.0×10^2 - 1.5×10^4	None Detected	

Final Approval



Eden Thompson-Wright

23Oct2023

09:58:00 AM MDT

PREPARED BY / DATE



Brett Hudson

23Oct2023

12:50:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/8147ddb2-59f2-46f9-922a-e2a8d93efd0f>

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: $10^2 =$

100 CFU, $10^3 = 1,000$ CFU, $10^4 = 10,000$ CFU, $10^5 = 100,000$ 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 CBD Balm

Batch ID or Lot Number: 341F406-0162	Test: Pesticides	Reported: 25Oct2023	USDA License: NA
Matrix: Finished Product	Test ID: T000259402	Started: 24Oct2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 18Oct2023	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	285 - 2621	ND
Acephate	44 - 2875	ND
Acetamiprid	46 - 2783	ND
Azoxystrobin	45 - 2697	ND
Bifenazate	40 - 2645	ND
Boscalid	37 - 2708	ND
Carbaryl	44 - 2656	ND
Carbofuran	47 - 2714	ND
Chlorantraniliprole	40 - 2711	ND
Chlorpyrifos	41 - 2724	ND
Clofentezine	275 - 2716	ND
Diazinon	291 - 2673	ND
Dichlorvos	336 - 2722	ND
Dimethoate	44 - 2763	ND
E-Fenpyroximate	278 - 2759	ND
Etofenprox	45 - 2697	ND
Etoxazole	278 - 2760	ND
Fenoxycarb	17 - 2699	ND
Fipronil	49 - 2700	ND
Flonicamid	48 - 2802	ND
Fludioxonil	294 - 2624	ND
Hexythiazox	39 - 2728	ND
Imazalil	267 - 2714	ND
Imidacloprid	45 - 2904	ND
Kresoxim-methyl	45 - 2652	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	290 - 2740	ND
Metalaxyl	45 - 2686	ND
Methiocarb	43 - 2692	ND
Methomyl	44 - 2849	ND
MGK 264 1	177 - 1656	ND
MGK 264 2	116 - 1052	ND
Myclobutanil	89 - 2626	ND
Naled	48 - 2737	ND
Oxamyl	43 - 2836	ND
Paclobutrazol	47 - 2697	ND
Permethrin	284 - 2728	ND
Phosmet	45 - 2670	ND
Prophos	306 - 2666	ND
Propoxur	44 - 2699	ND
Pyridaben	284 - 2750	ND
Spinosad A	36 - 2032	ND
Spinosad D	63 - 670	ND
Spiromesifen	262 - 2730	ND
Spirotetramat	295 - 2684	ND
Spiroxamine 1	18 - 1176	ND
Spiroxamine 2	24 - 1486	ND
Tebuconazole	300 - 2719	ND
Thiacloprid	44 - 2772	ND
Thiamethoxam	43 - 2849	ND
Trifloxystrobin	45 - 2697	ND

Final Approval



Karen Winternheimer
25Oct2023
08:59:00 AM MDT

PREPARED BY / DATE



Sam Smith
25Oct2023
09:02:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/786b3eb9-e78a-49d7-b6da-4958abdbdd33>

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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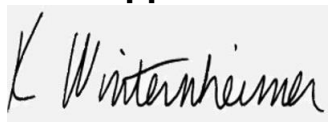
DENVER, CO USA 80202

NuLeaf Naturals CBD Balm

Batch ID or Lot Number: 341F406-0162	Test: Residual Solvents	Reported: 24Oct2023	USDA License: N/A
Matrix: Topical	Test ID: T000259405	Started: 24Oct2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 18Oct2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1794	ND	
Butanes (Isobutane, n-Butane)	177 - 3542	ND	
Methanol	61 - 1224	ND	
Pentane	91 - 1821	ND	
Ethanol	98 - 1952	ND	
Acetone	98 - 1956	ND	
Isopropyl Alcohol	106 - 2110	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	101 - 2015	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	95 - 1903	ND	
Toluene	18 - 360	ND	
Xylenes (m,p,o-Xylenes)	132 - 2632	ND	

Final Approval



Karen Winternheimer
24Oct2023
03:46:00 PM MDT

PREPARED BY / DATE



Sam Smith
24Oct2023
03:48:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/36b6f2a6-afda-49c2-80cf-e9f15697154d>

Definitions

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Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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