

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBD Balm 1.5oz

Batch ID or Lot Number: D18C3B	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 28Mar2025	Started: 27Mar2025	Received: 25Mar2025	

Mycotoxins - Colorado Compliance

Test ID: T000301910

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.71 - 137.69	ND	N/A
Aflatoxin B1	1.06 - 35.46	ND	
Aflatoxin B2	1.09 - 35.07	ND	
Aflatoxin G1	1.19 - 35.17	ND	
Aflatoxin G2	1.22 - 34.77	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Judith Marquez
28Mar2025
03:59:00 PM MDT

PREPARED BY / DATE



Sam Smith
28Mar2025
04:01:00 PM MDT

APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBD Balm 1.5oz

Batch ID or Lot Number:

D18C3B

Test, Test ID and Methods:

Various

Matrix:

Finished Product

Page 2 of 6

Reported:

28Mar2025

Started:

27Mar2025

Received:

25Mar2025

Residual Solvents - Colorado Compliance

Test ID: T000301909

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	68 - 1363	ND	
Butanes (Isobutane, n-Butane)	137 - 2744	ND	
Methanol	56 - 1122	ND	
Pentane	73 - 1462	ND	
Ethanol	78 - 1568	ND	
Acetone	85 - 1692	ND	
Isopropyl Alcohol	86 - 1714	ND	
Hexane	5 - 103	ND	
Ethyl Acetate	86 - 1729	ND	
Benzene	0.2 - 3.5	ND	
Heptanes	81 - 1622	ND	
Toluene	15 - 309	ND	
Xylenes (m,p,o-Xylenes)	111 - 2221	ND	

Final Approval



Danielle Alm
28Mar2025
04:23:00 PM MDT

PREPARED BY / DATE



APPROVED BY / DATE

Judith Marquez
28Mar2025
04:26:00 PM MDT

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBD Balm 1.5oz

Batch ID or Lot Number:

D18C3B

Test, Test ID and Methods:

Various

Matrix:

Finished Product

Page 3 of 6

Reported:

28Mar2025

Started:

27Mar2025

Received:

25Mar2025

Cannabinoids - Colorado Compliance

Test ID: T000301905

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

Cannabinoid Analysis

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.022	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.005	0.020	ND	ND	
Cannabidiol (CBD)	0.024	0.060	2.065	20.65	
Cannabidiolic Acid (CBDA)	0.024	0.062	ND	ND	
Cannabidivarin (CBDV)	0.006	0.014	0.022	0.22	
Cannabidivarinic Acid (CBDVA)	0.010	0.026	ND	ND	
Cannabigerol (CBG)	0.003	0.013	0.029	0.29	
Cannabigerolic Acid (CBGA)	0.014	0.053	ND	ND	
Cannabinol (CBN)	0.004	0.016	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.036	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.016	0.063	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.015	0.057	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.013	0.051	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.045	ND	ND	
Total Cannabinoids			2.116	21.16	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			2.065	20.65	

Final Approval



Danielle Alm
28Mar2025
05:04:00 PM MDT

PREPARED BY / DATE



Judith Marquez
28Mar2025
05:07:00 PM MDT

APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals CBD Balm 1.5oz

Batch ID or Lot Number: D18C3B	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 6
Reported: 28Mar2025	Started: 27Mar2025	Received: 25Mar2025	

Microbial Contaminants - Colorado Compliance

Test ID: T000301907

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

 Theresa Goergen
30Mar2025
02:40:00 PM MDT

 Aimee Lowe
31Mar2025
12:00:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000301908

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.19	ND	
Cadmium	0.05 - 4.52	ND	
Mercury	0.05 - 4.56	ND	
Lead	0.05 - 4.75	ND	

Final Approval

 Judith Marquez
02Apr2025
01:36:00 PM MDT

 Sam Smith
02Apr2025
01:39:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBD Balm 1.5oz

Batch ID or Lot Number: D18C3B	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 6
Reported: 28Mar2025	Started: 27Mar2025	Received: 25Mar2025	

Pesticides

Test ID: T000301906

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	407 - 2676	ND	Malathion	285 - 2624	ND
Acephate	34 - 2781	ND	Metalaxyl	42 - 2670	ND
Acetamiprid	41 - 2768	ND	Methiocarb	46 - 2783	ND
Azoxystrobin	45 - 2642	ND	Methomyl	42 - 2822	ND
Bifenazate	42 - 2674	ND	MGK 264 1	163 - 1613	ND
Boscalid	43 - 2773	ND	MGK 264 2	118 - 1108	ND
Carbaryl	43 - 2725	ND	Myclobutanil	42 - 2736	ND
Carbofuran	44 - 2709	ND	Naled	46 - 2717	ND
Chlorantraniliprole	37 - 2766	ND	Oxamyl	43 - 2810	ND
Chlorpyrifos	43 - 2786	ND	Paclobutrazol	48 - 2699	ND
Clofentezine	289 - 2735	ND	Permethrin	306 - 2722	ND
Diazinon	286 - 2670	ND	Phosmet	39 - 2535	ND
Dichlorvos	264 - 2804	ND	Prophos	274 - 2775	ND
Dimethoate	36 - 2798	ND	Propoxur	43 - 2726	ND
E-Fenpyroximate	278 - 2767	ND	Pyridaben	293 - 2753	ND
Etofenprox	40 - 2734	ND	Spinosad A	36 - 2098	ND
Etoxazole	282 - 2670	ND	Spinosad D	68 - 654	ND
Fenoxycarb	39 - 2629	ND	Spiromesifen	266 - 2731	ND
Fipronil	55 - 2672	ND	Spirotetramat	299 - 2700	ND
Flonicamid	48 - 2863	ND	Spiroxamine 1	16 - 1052	ND
Fludioxonil	251 - 2751	ND	Spiroxamine 2	24 - 1634	ND
Hexythiazox	43 - 2770	ND	Tebuconazole	310 - 2637	ND
Imazalil	282 - 2680	ND	Thiacloprid	41 - 2805	ND
Imidacloprid	45 - 2802	ND	Thiamethoxam	42 - 2799	ND
Kresoxim-methyl	44 - 2710	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 CBD Balm 1.5oz

Batch ID or Lot Number:

D18C3B

Test, Test ID and Methods:

Various

Matrix:

Finished Product

Page 6 of 6

Reported:

28Mar2025

Started:

27Mar2025

Received:

25Mar2025



<https://results.botanacor.com/api/v1/coas/uuid/ea3a1f2a-ab8c-43fe-817b-4ed35b169b5e>

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 $\times$ (0.877)) and Total CBD = CBD + (CBDa $\times$ (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 $\times$ (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

ea3a1f2aab8c43fe817b4ed35b169b5e.1