

Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

NuLeaf Naturals CBD Balms 1.0oz & 1.5oz

Batch ID or Lot Number: 939659 / 7GF1CA	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 24Jul2025	Started: 22Jul2025	Received: 21Jul2025	


Pesticides


Test ID: T000308661

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	310 - 2597	ND		Malathion	295 - 2737	ND
Acephate	39 - 2711	ND		Metalaxyl	54 - 2727	ND
Acetamiprid	43 - 2732	ND		Methiocarb	48 - 2738	ND
Azoxystrobin	52 - 2742	ND		Methomyl	45 - 2772	ND
Bifenazate	50 - 2752	ND		MGK 264 1	168 - 1724	ND
Boscalid	50 - 2782	ND		MGK 264 2	125 - 1085	ND
Carbaryl	48 - 2754	ND		Myclobutanil	49 - 2738	ND
Carbofuran	51 - 2724	ND		Naled	58 - 2754	ND
Chlorantraniliprole	51 - 2673	ND		Oxamyl	43 - 2739	ND
Chlorpyrifos	54 - 2818	ND		Paclobutrazol	51 - 2698	ND
Clofentezine	294 - 2779	ND		Permethrin	265 - 2801	ND
Diazinon	296 - 2725	ND		Phosmet	52 - 2743	ND
Dichlorvos	261 - 2716	ND		Prophos	286 - 2727	ND
Dimethoate	48 - 2752	ND		Propoxur	51 - 2751	ND
E-Fenpyroximate	232 - 2822	ND		Pyridaben	280 - 2781	ND
Etofenprox	47 - 2803	ND		Spinosad A	34 - 2029	ND
Etoxazole	280 - 2786	ND		Spinosad D	69 - 732	ND
Fenoxycarb	44 - 2739	ND		Spiromesifen	258 - 2788	ND
Fipronil	49 - 2721	ND		Spirotetramat	288 - 2748	ND
Flonicamid	54 - 2780	ND		Spiroxamine 1	22 - 1224	ND
Fludioxonil	281 - 2833	ND		Spiroxamine 2	28 - 1503	ND
Hexythiazox	46 - 2797	ND		Tebuconazole	315 - 2686	ND
Imazalil	281 - 2752	ND		Thiacloprid	46 - 2748	ND
Imidacloprid	47 - 2808	ND		Thiamethoxam	48 - 2750	ND
Kresoxim-methyl	48 - 2748	ND		Trifloxystrobin	52 - 2734	ND

Final Approval


Judith Marquez
24Jul2025
08:10:00 AM MDT
PREPARED BY / DATE


Sam Smith
24Jul2025
08:13:00 AM MDT
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000308662


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


Aimee Lowe
24Jul2025
02:47:00 PM MDT
PREPARED BY / DATE


Theresa Goergen
24Jul2025
03:50:00 PM MDT
APPROVED BY / DATE

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Cannabinoids


Test ID: T000308660

Methods: TM14 (HPLC-DAD)

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.014	0.060	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.013	0.055	ND	ND	
Cannabidiol (CBD)	0.056	0.151	2.140	21.40	
Cannabidiolic Acid (CBDA)	0.057	0.155	ND	ND	
Cannabidivarin (CBDV)	0.013	0.036	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.024	0.065	ND	ND	
Cannabigerol (CBG)	0.008	0.034	0.070	0.70	
Cannabigerolic Acid (CBGA)	0.033	0.142	ND	ND	
Cannabinol (CBN)	0.010	0.044	ND	ND	
Cannabinolic Acid (CBNA)	0.023	0.097	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.040	0.169	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.036	0.154	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.032	0.136	ND	ND	
Tetrahydrocannabivarin (THCV)	0.007	0.031	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.028	0.120	ND	ND	
Total Cannabinoids			2.210	22.10	
Total Potential THC			0.000	0.00	
Total Potential CBD			2.140	21.40	

Final Approval


Judith Marquez
24Jul2025
12:57:00 PM MDT
PREPARED BY / DATE


Sam Smith
24Jul2025
01:01:00 PM MDT
APPROVED BY / DATE

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DENVER, CO USA 80202

NuLeaf Naturals CBD Balms 1.0oz & 1.5oz

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Residual Solvents


Test ID: T000308664

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	77 - 1549	ND	
Butanes (Isobutane, n-Butane)	138 - 2759	ND	
Methanol	60 - 1200	ND	
Pentane	73 - 1452	ND	
Ethanol	78 - 1561	ND	
Acetone	87 - 1732	ND	
Isopropyl Alcohol	90 - 1790	ND	
Hexane	5 - 106	ND	
Ethyl Acetate	88 - 1762	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	82 - 1638	ND	
Toluene	16 - 321	ND	
Xylenes (m,p,o-Xylenes)	116 - 2319	ND	

Final Approval


Judith Marquez
25Jul2025
12:23:00 PM MDT
PREPARED BY / DATE


Sam Smith
25Jul2025
12:26:00 PM MDT
APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

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DENVER, CO USA 80202

NuLeaf Naturals CBD Balms 1.0oz & 1.5oz

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Mycotoxins - Colorado Compliance


Test ID: T000308665


Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.47 - 134.31	ND	N/A
Aflatoxin B1	1.03 - 33.05	ND	
Aflatoxin B2	0.96 - 32.79	ND	
Aflatoxin G1	1.19 - 33.31	ND	
Aflatoxin G2	1.06 - 33.66	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


JUDITH MARQUEZ
28Jul2025
10:35:00 AM MDT
PREPARED BY / DATE


SAM SMITH
28Jul2025
10:37:00 AM MDT
APPROVED BY / DATE


Heavy Metals - Colorado Compliance


Test ID: T000308663

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.16 - 16.41	ND	
Cadmium	0.04 - 4.44	ND	
Mercury	0.04 - 4.32	ND	
Lead	0.24 - 23.78	ND	

Final Approval


JUDITH MARQUEZ
29Jul2025
12:33:00 PM MDT
PREPARED BY / DATE


SAM SMITH
29Jul2025
12:37:00 PM MDT
APPROVED BY / DATE

Prepared for:

NULEAF NATURALS

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NuLeaf Naturals CBD Balms 1.0oz & 1.5oz

Batch ID or Lot Number:

939659 / 7GF1CA

Test, Test ID and Methods:

Various

Matrix:

Finished Product

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24Jul2025

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22Jul2025

Received:

21Jul2025



<https://results.botanacor.com/api/v1/coas/uuid/962ada90-f587-4265-9475-aa173a66a0ef>

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](#).



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