

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

NuLeaf Naturals CBD Skin Cream

Batch ID or Lot Number: BA16E2	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 28Mar2025	Started: 28Mar2025	Received: 25Mar2025	

**Residual Solvents -
Colorado Compliance**

Test ID: T000301903

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	71 - 1416	ND	
Butanes (Isobutane, n-Butane)	143 - 2851	ND	
Methanol	58 - 1166	ND	
Pentane	76 - 1519	ND	
Ethanol	81 - 1629	ND	
Acetone	88 - 1758	ND	
Isopropyl Alcohol	89 - 1781	ND	
Hexane	5 - 107	ND	
Ethyl Acetate	90 - 1796	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	84 - 1685	ND	
Toluene	16 - 321	ND	
Xylenes (m,p,o-Xylenes)	115 - 2308	ND	

Final Approval


Danielle Alm
28Mar2025
04:23:00 PM MDT
PREPARED BY / DATE


Judith Marquez
28Mar2025
04:26:00 PM MDT
APPROVED BY / DATE

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25Mar2025

Cannabinoids - Colorado Compliance

Test ID: T000301899

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

Cannabinoid Analysis

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.005	0.020	0.041	0.41	
Cannabichromenic Acid (CBCA)	0.005	0.019	ND	ND	
Cannabidiol (CBD)	0.022	0.055	2.151	21.51	
Cannabidiolic Acid (CBDA)	0.022	0.056	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	0.020	0.20	
Cannabidivarinic Acid (CBDVA)	0.009	0.024	ND	ND	
Cannabigerol (CBG)	0.003	0.012	0.068	0.68	
Cannabigerolic Acid (CBGA)	0.013	0.048	ND	ND	
Cannabinol (CBN)	0.004	0.015	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.033	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.015	0.058	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.052	0.079	0.79	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.012	0.046	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.041	ND	ND	
Total Cannabinoids			2.359	23.59	
Total Potential THC			0.079	0.79	
Total Potential CBD			2.151	21.51	

Final Approval



Danielle Alm
28Mar2025
05:04:00 PM MDT

PREPARED BY / DATE



Judith Marquez
28Mar2025
05:07:00 PM MDT

APPROVED BY / DATE

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Mycotoxins - Colorado

Compliance

Test ID: T000301904

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.72 - 138.18	ND	N/A
Aflatoxin B1	1.06 - 35.59	ND	
Aflatoxin B2	1.10 - 35.19	ND	
Aflatoxin G1	1.20 - 35.29	ND	
Aflatoxin G2	1.23 - 34.89	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

Microbial

Contaminants -

Colorado Compliance

Test ID: T000301901

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

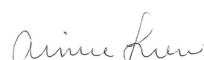
	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture 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



Theresa Goergen
30Mar2025
02:40:00 PM MDT

PREPARED BY / DATE



Aimee Lowe
31Mar2025
12:00:00 PM MDT

APPROVED BY / DATE

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Heavy Metals - Colorado Compliance

Test ID: T000301902

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

PREPARED BY / DATE



Sam Smith
02Apr2025
01:39:00 PM MDT

APPROVED BY / DATE

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Pesticides

Test ID: T000301900

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

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	Judith Marquez 06Apr2025 10:24:00 AM MDT		Sam Smith 06Apr2025 10:27:00 AM MDT
PREPARED BY / DATE		APPROVED BY / DATE	

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<https://results.botanacor.com/api/v1/coas/uuid/35d7c0cd-74d6-4935-ae9f-d0063ced249a>

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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