

Prepared for:  
**NULEAF NATURALS**

1550 LARIMER ST. #964  
DENVER, CO USA 80202

## NuLeaf Naturals CBD Skin Cream

Batch ID or Lot Number: <b>39878E</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: <b>15Aug2025</b>	Started: 15Aug2025	Received: 08Aug2025	

## Heavy Metals - Colorado Compliance

Test ID: T000309797

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.80	ND	
Cadmium	0.04 - 4.48	ND	
Mercury	0.05 - 4.58	ND	
Lead	0.04 - 4.48	ND	

### Final Approval

  
Judith Marquez  
15Aug2025  
02:08:00 PM MDT  
PREPARED BY / DATE

  
Sam Smith  
15Aug2025  
02:19:00 PM MDT  
APPROVED BY / DATE

Prepared for:

## NULEAF NATURALS

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### NuLeaf Naturals CBD Skin Cream

Batch ID or Lot Number: <b>39878E</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 6
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### Pesticides

Test ID: T000309795

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	353 - 2631	ND		Malathion	333 - 2744	ND
Acephate	38 - 2612	ND		Metalaxyl	47 - 2711	ND
Acetamiprid	49 - 2612	ND		Methiocarb	59 - 2646	ND
Azoxystrobin	48 - 2674	ND		Methomyl	54 - 2644	ND
Bifenazate	46 - 2716	ND		MGK 264 1	193 - 1614	ND
Boscalid	56 - 2637	ND		MGK 264 2	107 - 1022	ND
Carbaryl	48 - 2740	ND		Myclobutanil	53 - 2621	ND
Carbofuran	51 - 2719	ND		Naled	65 - 2700	ND
Chlorantraniliprole	60 - 2620	ND		Oxamyl	50 - 2623	ND
Chlorpyrifos	53 - 2684	ND		Paclobutrazol	53 - 2711	ND
Clofentezine	350 - 2740	ND		Permethrin	323 - 2742	ND
Diazinon	352 - 2731	ND		Phosmet	60 - 2754	ND
Dichlorvos	341 - 2642	ND		Prophos	302 - 2678	ND
Dimethoate	56 - 2602	ND		Propoxur	50 - 2714	ND
E-Fenpyroximate	305 - 2826	ND		Pyridaben	330 - 2839	ND
Etofenprox	49 - 2848	ND		Spinosad A	38 - 2003	ND
Etoazole	340 - 2831	ND		Spinosad D	83 - 744	ND
Fenoxycarb	50 - 2731	ND		Spiromesifen	296 - 2844	ND
Fipronil	38 - 2768	ND		Spirotetramat	331 - 2712	ND
Flonicamid	57 - 2661	ND		Spiroxamine 1	23 - 1172	ND
Fludioxonil	350 - 2667	ND		Spiroxamine 2	29 - 1428	ND
Hexythiazox	44 - 2848	ND		Tebuconazole	321 - 2703	ND
Imazalil	345 - 2699	ND		Thiacloprid	52 - 2604	ND
Imidacloprid	58 - 2629	ND		Thiamethoxam	54 - 2618	ND
Kresoxim-methyl	49 - 2698	ND		Trifloxystrobin	52 - 2700	ND

### Final Approval

  
Judith Marquez  
20Aug2025  
08:50:00 PM MDT  
PREPARED BY / DATE

  
Sam Smith  
20Aug2025  
08:48:00 PM MDT  
APPROVED BY / DATE

Prepared for:  
**NULEAF NATURALS**

1550 LARIMER ST. #964  
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## NuLeaf Naturals CBD Skin Cream

Batch ID or Lot Number: <b>39878E</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 6
Reported: <b>15Aug2025</b>	Started: 15Aug2025	Received: 08Aug2025	

## Mycotoxins - Colorado Compliance

Test ID: T000309799  
Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.58 - 128.33	ND	N/A
Aflatoxin B1	0.98 - 33.14	ND	
Aflatoxin B2	0.95 - 32.88	ND	
Aflatoxin G1	1.15 - 32.95	ND	
Aflatoxin G2	1.05 - 33.08	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

### Final Approval

  
Judith Marquez  
24Aug2025  
07:02:00 AM MDT  
PREPARED BY / DATE

  
Sam Smith  
24Aug2025  
07:01:00 AM MDT  
APPROVED BY / DATE

Prepared for:

## NULEAF NATURALS

1550 LARIMER ST. #964  
DENVER, CO USA 80202

### NuLeaf Naturals CBD Skin Cream

Batch ID or Lot Number: <b>39878E</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 6
Reported: <b>15Aug2025</b>	Started: 15Aug2025	Received: 08Aug2025	

### Cannabinoids

Test ID: T000309794

Methods: TM14 (HPLC-DAD): Potency - Full Spectrum

Analysis, 0.3% THC

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.021	<LOQ	<LOQ	Amendment to, T000309794, issued on 13Aug2025, to correct sample name.
Cannabichromenic Acid (CBCA)	0.005	0.019	ND	ND	
Cannabidiol (CBD)	0.020	0.051	1.686	16.86	
Cannabidiolic Acid (CBDA)	0.020	0.052	ND	ND	
Cannabidivarin (CBDV)	0.005	0.012	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.008	0.022	ND	ND	
Cannabigerol (CBG)	0.003	0.012	0.021	0.21	
Cannabigerolic Acid (CBGA)	0.014	0.050	ND	ND	
Cannabinol (CBN)	0.004	0.016	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.034	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.016	0.060	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.015	0.055	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.013	0.048	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.043	ND	ND	
<b>Total Cannabinoids</b>			<b>1.707</b>	<b>17.07</b>	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			1.686	16.86	

### Final Approval

  
Judith Marquez  
05Sep2025  
12:10:00 PM MDT

PREPARED BY / DATE

  
Judith Marquez  
12Sep2025  
03:11:00 PM MDT

APPROVED BY / DATE

Prepared for:

## NULEAF NATURALS

1550 LARIMER ST. #964  
DENVER, CO USA 80202

### NuLeaf Naturals CBD Skin Cream

Batch ID or Lot Number: <b>39878E</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 6
Reported: <b>15Aug2025</b>	Started: 15Aug2025	Received: 08Aug2025	

### Residual Solvents

Test ID: T000309798

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	87 - 1740	ND	Amendment to, T000309798, issued on 13Aug2025, to correct sample name.
Butanes (Isobutane, n-Butane)	161 - 3218	ND	
Methanol	69 - 1386	ND	
Pentane	80 - 1606	ND	
Ethanol	85 - 1705	ND	
Acetone	86 - 1722	ND	
Isopropyl Alcohol	88 - 1751	ND	
Hexane	5 - 106	ND	
Ethyl Acetate	88 - 1758	ND	
Benzene	0.2 - 3.5	ND	
Heptanes	84 - 1670	ND	
Toluene	16 - 316	ND	
Xylenes (m,p,o-Xylenes)	114 - 2275	ND	

### Final Approval

  
Judith Marquez  
05Sep2025  
12:16:00 PM MDT  
PREPARED BY / DATE

  
Judith Marquez  
12Sep2025  
03:13:00 PM MDT  
APPROVED BY / DATE

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## Microbial Contaminants - Colorado Compliance

Test ID: T000309796  
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter Amendment to, T000309796, issued on 14Aug2025, to correct sample name.
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

### Final Approval

*Theresa Goergen*  
Theresa Goergen  
12Sep2025  
03:30:00 PM MDT

*Brett Hudson*

Brett Hudson  
12Sep2025  
03:32:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b871bccf-006c-4a89-ab5d-7376b67b4738>

**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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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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