

Prepared for:  
**NULEAF NATURALS**

1550 LARIMER ST. #964  
DENVER, CO USA 80202

## B403-0231

Batch ID or Lot Number: <b>M317S</b>	Test: <b>Potency</b>	Reported: <b>27Apr2023</b>	USDA License: N/A
Matrix: Solution	Test ID: T000242421	Started: 26Apr2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 25Apr2023	Status: N/A

## Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.127	0.312	6.960	7.60	Density = 0.92g/mL
Cannabichromenic Acid (CBCA)	0.116	0.285	ND	ND	
Cannabidiol (CBD)	0.358	0.844	7.210	7.80	
Cannabidiolic Acid (CBDA)	0.367	0.866	ND	ND	
Cannabidivarin (CBDV)	0.085	0.200	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.153	0.361	ND	ND	
Cannabigerol (CBG)	0.072	0.177	7.180	7.80	
Cannabigerolic Acid (CBGA)	0.300	0.740	ND	ND	
Cannabinol (CBN)	0.094	0.231	7.180	7.80	
Cannabinolic Acid (CBNA)	0.205	0.505	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.358	0.882	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.325	0.801	1.730	1.90	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.288	0.710	ND	ND	
Tetrahydrocannabivarin (THCV)	0.065	0.161	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.254	0.626	ND	ND	
<b>Total Cannabinoids</b>			<b>30.260</b>	<b>32.90</b>	
Total Potential THC			1.730	1.90	
Total Potential CBD			7.210	7.80	

## Final Approval



Karen Winternheimer  
27Apr2023  
11:17:00 AM MDT

PREPARED BY / DATE



Sam Smith  
27Apr2023  
01:12:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/a9eb0783-10fc-4b82-96e4-3983a65311ec>

### 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 Accredited by A2LA.



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Prepared for:

## NULEAF NATURALS

1550 LARIMER ST. #964  
DENVER, CO USA 80202


### B403-0231

Batch ID or Lot Number: <b>M317S</b>	Test: <b>Heavy Metals</b>	Reported: <b>26Apr2023</b>	USDA License: NA
Matrix: Unit	Test ID: T000242424	Started: 25Apr2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 25Apr2023	Status: NA

### Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.36	ND	
Cadmium	0.04 - 4.35	ND	
Mercury	0.05 - 4.52	ND	
Lead	0.04 - 4.47	ND	

### Final Approval



Sam Smith  
26Apr2023  
03:52:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer  
26Apr2023  
03:55:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9321c703-63fa-44ec-9525-b4319c7e8ab9>

#### 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

### B403-0231

Batch ID or Lot Number: <b>M317S</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>28Apr2023</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000242423	Started: 25Apr2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 25Apr2023	Status: NA

### Microbial Contaminants

Contaminants	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
<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



Brianne Maillot  
28Apr2023  
11:46:00 AM MDT

PREPARED BY / DATE



Eden Thompson-Wright  
28Apr2023  
03:20:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ea03015c-1745-42b4-bac4-4681cf0182f7>

#### 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<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  
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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**NULEAF NATURALS**


1550 LARIMER ST. #964  
DENVER, CO USA 80202


## B403-0231

Batch ID or Lot Number: <b>M317S</b>	Test: <b>Residual Solvents</b>	Reported: <b>26Apr2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000242425	Started: 26Apr2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 25Apr2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	88 - 1758	ND	
Butanes (Isobutane, n-Butane)	181 - 3613	ND	
Methanol	56 - 1120	ND	
Pentane	90 - 1801	ND	
Ethanol	93 - 1863	ND	
Acetone	92 - 1840	ND	
Isopropyl Alcohol	95 - 1899	ND	
Hexane	5 - 108	ND	
Ethyl Acetate	92 - 1837	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	99 - 1981	ND	
Toluene	17 - 337	ND	
Xylenes (m,p,o-Xylenes)	121 - 2413	ND	

## Final Approval

  
PREPARED BY / DATE  
Sam Smith  
26Apr2023  
03:01:00 PM MDT

  
APPROVED BY / DATE  
Karen Winternheimer  
26Apr2023  
03:03:00 PM MDT



<https://results.botanacor.com/api/v1/coas/uuid/51b8f224-7dec-4f85-9807-ba0abb7ff2a8>

**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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**NULEAF NATURALS**

1550 LARIMER ST. #964  
DENVER, CO USA 80202


## B403-0231

Batch ID or Lot Number: <b>M317S</b>	Test: <b>Pesticides</b>	Reported: <b>28Apr2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000242422	Started: 26Apr2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 25Apr2023	Status: NA

## Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	306 - 2596	ND	Malathion	285 - 2764	ND
Acephate	45 - 2781	ND	Metalaxyl	40 - 2734	ND
Acetamiprid	42 - 2707	ND	Methiocarb	46 - 2764	ND
Azoxystrobin	44 - 2716	ND	Methomyl	42 - 2765	ND
Bifenazate	41 - 2745	ND	MGK 264 1	173 - 1707	ND
Boscalid	42 - 2705	ND	MGK 264 2	120 - 1074	ND
Carbaryl	43 - 2723	ND	Myclobutanil	40 - 2755	ND
Carbofuran	42 - 2741	ND	Naled	59 - 2720	ND
Chlorantraniliprole	44 - 2778	ND	Oxamyl	42 - 2746	ND
Chlorpyrifos	40 - 2680	ND	Pacllobutrazol	44 - 2716	ND
Clofentezine	293 - 2743	ND	Permethrin	290 - 2751	ND
Diazinon	294 - 2730	ND	Phosmet	41 - 2724	ND
Dichlorvos	258 - 2731	ND	Prophos	326 - 2730	ND
Dimethoate	41 - 2706	ND	Propoxur	40 - 2714	ND
E-Fenpyroximate	283 - 2751	ND	Pyridaben	295 - 2692	ND
Etofenprox	43 - 2684	ND	Spinosad A	30 - 2073	ND
Etoxazole	294 - 2687	ND	Spinosad D	65 - 656	ND
Fenoxycarb	42 - 2732	ND	Spiromesifen	280 - 2752	ND
Fipronil	49 - 2742	ND	Spirotetramat	289 - 2782	ND
Flonicamid	49 - 2777	ND	Spiroxamine 1	19 - 1205	ND
Fludioxonil	289 - 2766	ND	Spiroxamine 2	25 - 1526	ND
Hexythiazox	45 - 2741	ND	Tebuconazole	289 - 2748	ND
Imazalil	275 - 2727	ND	Thiacloprid	43 - 2695	ND
Imidacloprid	47 - 2738	ND	Thiamethoxam	46 - 2735	ND
Kresoxim-methyl	25 - 2737	ND	Trifloxystrobin	44 - 2702	ND

## Final Approval



Karen Winternheimer  
28Apr2023  
11:39:00 AM MDT

PREPARED BY / DATE



Sam Smith  
28Apr2023  
11:42:00 AM MDT

APPROVED BY / DATE



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### 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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