

Prepared for:  
**NULEAF NATURALS**

1550 LARIMER ST. #964  
DENVER, CO USA 80202

## R30-BBM

Batch ID or Lot Number: <b>M233S</b>	Test: <b>Potency</b>	Reported: <b>22Aug2022</b>	USDA License: N/A
Matrix: Solution	Test ID: T000218663	Started: 19Aug2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 18Aug2022	Status: N/A

## Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.434	1.312	7.540	8.20	Density = 0.92g/mL
Cannabichromenic Acid (CBCA)	0.397	1.200	ND	ND	
Cannabidiol (CBD)	0.911	3.242	8.200	8.90	
Cannabidiolic Acid (CBDA)	0.934	3.326	ND	ND	
Cannabidivarin (CBDV)	0.215	0.767	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.390	1.387	ND	ND	
Cannabigerol (CBG)	0.247	0.745	7.180	7.80	
Cannabigerolic Acid (CBGA)	1.031	3.115	ND	ND	
Cannabinol (CBN)	0.322	0.972	7.880	8.60	
Cannabinolic Acid (CBNA)	0.703	2.125	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.228	3.711	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	1.115	3.370	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.988	2.986	ND	ND	
Tetrahydrocannabivarin (THCV)	0.224	0.678	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.872	2.634	ND	ND	
<b>Total Cannabinoids</b>			<b>30.800</b>	<b>33.48</b>	
Total Potential THC			ND	ND	
Total Potential CBD			8.200	8.91	

## Final Approval



Daniel Weidensaul  
22Aug2022  
04:24:00 PM MDT

PREPARED BY / DATE



Jacob Miller  
22Aug2022  
04:29:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d6ee038d-faec-48b0-99a2-851cdf7bdd2>

### 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

### R30-BBM

Batch ID or Lot Number: <b>M233S</b>	Test: <b>Heavy Metals</b>	Reported: <b>23Aug2022</b>	USDA License: NA
Matrix: Unit	Test ID: T000218666	Started: 22Aug2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 18Aug2022	Status: NA

### Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.56	ND	
Cadmium	0.04 - 4.44	ND	
Mercury	0.04 - 4.49	ND	
Lead	0.04 - 4.39	ND	

### Final Approval



Daniel Weidensaul  
24Aug2022  
06:50:00 PM MDT

PREPARED BY / DATE



Courtney Richards  
24Aug2022  
08:09:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/3ca8f091-bd9b-479b-84ca-4759ffa20d0>

#### 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


### R30-BBM

Batch ID or Lot Number: <b>M233S</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>22Aug2022</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000218665	Started: 18Aug2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 18Aug2022	Status: NA

### Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/g	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



Eden Thompson-Wright  
21Aug2022  
12:48:00 PM MDT



Brett Hudson  
22Aug2022  
11:04:00 AM MDT



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APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/b3fe0d7a-61ef-487c-ad91-9e3b05aeba70>

#### 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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DENVER, CO USA 80202

## R30-BBM

Batch ID or Lot Number: <b>M233S</b>	Test: <b>Pesticides</b>	Reported: <b>22Aug2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000218664	Started: 19Aug2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 18Aug2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	211 - 2402	ND	Malathion	289 - 2678	ND
Acephate	44 - 2825	ND	Metalaxyl	48 - 2733	ND
Acetamiprid	40 - 2834	ND	Methiocarb	38 - 2876	ND
Azoxystrobin	44 - 2734	ND	Methomyl	44 - 2861	ND
Bifenazate	46 - 2699	ND	MGK 264 1	164 - 1614	ND
Boscalid	41 - 2872	ND	MGK 264 2	127 - 1114	ND
Carbaryl	46 - 2778	ND	Myclobutanil	47 - 2804	ND
Carbofuran	43 - 2775	ND	Naled	44 - 2740	ND
Chlorantraniliprole	52 - 2715	ND	Oxamyl	40 - 2860	ND
Chlorpyrifos	55 - 2792	ND	Pacllobutrazol	58 - 2755	ND
Clofentezine	281 - 2867	ND	Permethrin	311 - 2695	ND
Diazinon	282 - 2760	ND	Phosmet	49 - 2734	ND
Dichlorvos	293 - 2813	ND	Prophos	310 - 3096	ND
Dimethoate	40 - 2844	ND	Propoxur	40 - 2766	ND
E-Fenpyroximate	307 - 2703	ND	Pyridaben	263 - 2773	ND
Etofenprox	38 - 2759	ND	Spinosad A	35 - 2329	ND
Etoxazole	243 - 2748	ND	Spinosad D	63 - 515	ND
Fenoxycarb	49 - 2726	ND	Spiromesifen	289 - 2754	ND
Fipronil	75 - 2415	ND	Spirotetramat	274 - 2704	ND
Flonicamid	55 - 2769	ND	Spiroxamine 1	15 - 1211	ND
Fludioxonil	330 - 2708	ND	Spiroxamine 2	19 - 1617	ND
Hexythiazox	46 - 2767	ND	Tebuconazole	326 - 2587	ND
Imazalil	273 - 2754	ND	Thiacloprid	38 - 2856	ND
Imidacloprid	45 - 2761	ND	Thiamethoxam	45 - 2840	ND
Kresoxim-methyl	52 - 2774	ND	Trifloxystrobin	42 - 2793	ND

## Final Approval



Daniel Weidensaul  
22Aug2022  
12:09:00 PM MDT

PREPARED BY / DATE



Sam Smith  
22Aug2022  
12:17:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d67b9dbf-c443-4ad8-8b0d-3c7233da5c7c>

### 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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DENVER, CO USA 80202

## R30-BBM

Batch ID or Lot Number: <b>M233S</b>	Test: <b>Residual Solvents</b>	Reported: <b>22Aug2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000218667	Started: 22Aug2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 18Aug2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	84 - 1670	ND	
Butanes (Isobutane, n-Butane)	174 - 3483	ND	
Methanol	54 - 1089	ND	
Pentane	90 - 1801	ND	
Ethanol	85 - 1709	ND	
Acetone	91 - 1820	ND	
Isopropyl Alcohol	91 - 1820	ND	
Hexane	5 - 108	ND	
Ethyl Acetate	90 - 1792	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	93 - 1859	ND	
Toluene	16 - 315	ND	
Xylenes (m,p,o-Xylenes)	115 - 2296	ND	

## Final Approval



Jacob Miller  
22Aug2022  
03:29:00 PM MDT

PREPARED BY / DATE



Sam Smith  
22Aug2022  
03:34:00 PM MDT

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### Definitions

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Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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