

Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

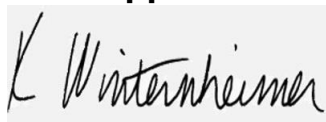
B403-0232

Batch ID or Lot Number: N311S	Test: Potency	Reported: 23Mar2023	USDA License: N/A
Matrix: Solution	Test ID: T000239121	Started: 21Mar2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 21Mar2023	Status: N/A

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.180	0.586	2.030	2.20	Density = 0.92g/mL
Cannabichromenic Acid (CBCA)	0.164	0.536	ND	ND	
Cannabidiol (CBD)	0.519	1.525	2.040	2.20	
Cannabidiolic Acid (CBDA)	0.532	1.564	ND	ND	
Cannabidivarin (CBDV)	0.123	0.361	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.222	0.652	ND	ND	
Cannabigerol (CBG)	0.102	0.333	2.030	2.20	
Cannabigerolic Acid (CBGA)	0.426	1.392	ND	ND	
Cannabinol (CBN)	0.133	0.434	30.110	32.70	
Cannabinolic Acid (CBNA)	0.291	0.950	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.508	1.658	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.461	1.506	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.409	1.334	ND	ND	
Tetrahydrocannabivarin (THCV)	0.093	0.303	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.361	1.177	ND	ND	
Total Cannabinoids			36.210	39.30	
Total Potential THC			0.000	0.00	
Total Potential CBD			2.040	2.20	

Final Approval



Karen Winternheimer
23Mar2023
10:35:00 AM MDT

PREPARED BY / DATE



Sam Smith
23Mar2023
10:36:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/eac23c37-293d-4333-8314-770eb54794c9>

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.



Cert #4329.02

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Prepared for:

NULEAF NATURALS

1550 LARIMER ST. #964

DENVER, CO USA 80202

B403-0232

Batch ID or Lot Number: N311S	Test: Heavy Metals	Reported: 23Mar2023	USDA License: NA
Matrix: Unit	Test ID: T000239124	Started: 22Mar2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 21Mar2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 3.87	ND	
Cadmium	0.04 - 4.20	ND	
Mercury	0.04 - 4.24	ND	
Lead	0.04 - 4.21	ND	

Final Approval



Sam Smith
23Mar2023
11:37:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
23Mar2023
11:42:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/8b21c438-f06f-4c43-920d-5680ea169b39>

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:

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1550 LARIMER ST. #964

DENVER, CO USA 80202

B403-0232

Batch ID or Lot Number: N311S	Test: Microbial Contaminants	Reported: 27Mar2023	USDA License: NA
Matrix: Finished Product	Test ID: T000239123	Started: 22Mar2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 21Mar2023	Status: NA

Microbial

Contaminants

	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



Eden Thompson-Wright

25Mar2023

11:39:00 AM MDT

PREPARED BY / DATE



Brianne Maillot

27Mar2023

02:59:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/13fa44bb-8954-4929-87b0-06b928f4e5d8>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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

B403-0232

Batch ID or Lot Number: N311S	Test: Pesticides	Reported: 23Mar2023	USDA License: NA
Matrix: Concentrate	Test ID: T000239122	Started: 22Mar2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 21Mar2023	Status: NA

Pesticides

	Dynamic Range (ppb)	Result (ppb)
Abamectin	246 - 2812	ND
Acephate	4 - 2886	ND
Acetamiprid	41 - 2804	ND
Azoxystrobin	44 - 2708	ND
Bifenazate	40 - 2740	ND
Boscalid	47 - 2720	ND
Carbaryl	42 - 2736	ND
Carbofuran	42 - 2738	ND
Chlorantraniliprole	46 - 2715	ND
Chlorpyrifos	41 - 2813	ND
Clofentezine	285 - 2756	ND
Diazinon	287 - 2720	ND
Dichlorvos	335 - 2743	ND
Dimethoate	40 - 2804	ND
E-Fenpyroximate	288 - 2741	ND
Etofenprox	45 - 2768	ND
Etoxazole	297 - 2721	ND
Fenoxycarb	37 - 2712	ND
Fipronil	30 - 2770	ND
Flonicamid	26 - 2866	ND
Fludioxonil	309 - 2734	ND
Hexythiazox	44 - 2735	ND
Imazalil	277 - 2771	ND
Imidacloprid	43 - 2831	ND
Kresoxim-methyl	20 - 2746	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	290 - 2749	ND
Metalaxyl	43 - 2740	ND
Methiocarb	43 - 2686	ND
Methomyl	40 - 2828	ND
MGK 264 1	168 - 1584	ND
MGK 264 2	119 - 1134	ND
Myclobutanil	43 - 2705	ND
Naled	53 - 2727	ND
Oxamyl	37 - 2844	ND
Paclobutrazol	45 - 2708	ND
Permethrin	292 - 2783	ND
Phosmet	43 - 2724	ND
Prophos	310 - 2705	ND
Propoxur	43 - 2723	ND
Pyridaben	296 - 2748	ND
Spinosad A	34 - 2233	ND
Spinosad D	49 - 482	ND
Spiromesifen	286 - 2780	ND
Spirotetramat	288 - 2772	ND
Spiroxamine 1	18 - 1159	ND
Spiroxamine 2	22 - 1522	ND
Tebuconazole	300 - 2707	ND
Thiacloprid	39 - 2796	ND
Thiamethoxam	41 - 2846	ND
Trifloxystrobin	44 - 2742	ND

Final Approval



Karen Winternheimer
23Mar2023
08:48:00 AM MDT

PREPARED BY / DATE



Sam Smith
23Mar2023
08:51:00 AM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/604287d6-f587-4c48-9071-a4a515ca0ef9>

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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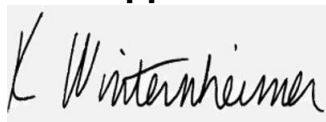
B403-0232

Batch ID or Lot Number: N311S	Test: Residual Solvents	Reported: 23Mar2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000239125	Started: 22Mar2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 21Mar2023	Status: Active

Residual Solvents

	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	100 - 1996	ND	
Butanes (Isobutane, n-Butane)	205 - 4095	ND	
Methanol	61 - 1216	ND	
Pentane	102 - 2030	ND	
Ethanol	101 - 2020	ND	
Acetone	99 - 1974	ND	
Isopropyl Alcohol	101 - 2023	ND	
Hexane	6 - 121	ND	
Ethyl Acetate	99 - 1978	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	101 - 2020	ND	
Toluene	17 - 345	ND	
Xylenes (m,p,o-Xylenes)	128 - 2557	ND	

Final Approval



Karen Winternheimer
23Mar2023
04:18:00 PM MDT

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Sam Smith
23Mar2023
04:31:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/58cd87e5-dbc1-4d1e-b497-9b3667ceec31>

Definitions

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

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