

Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

B407-0277

Batch ID or Lot Number: M306S-07	Test: Potency	Reported: 27Feb2023	USDA License: N/A
Matrix: Unit	Test ID: T000236614	Started: 23Feb2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 22Feb2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.054	0.172	3.260	5.00	# of Servings = 1, Sample Weight=0.657g
Cannabichromenic Acid (CBCA)	0.049	0.157	ND	ND	
Cannabidiol (CBD)	0.146	0.443	3.490	5.30	
Cannabidiolic Acid (CBDA)	0.149	0.455	ND	ND	
Cannabidivarin (CBDV)	0.034	0.105	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.062	0.190	ND	ND	
Cannabigerol (CBG)	0.030	0.098	3.440	5.20	
Cannabigerolic Acid (CBGA)	0.127	0.408	ND	ND	
Cannabinol (CBN)	0.040	0.127	3.260	5.00	
Cannabinolic Acid (CBNA)	0.087	0.278	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.152	0.486	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.138	0.441	0.770	1.20	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.122	0.391	ND	ND	
Tetrahydrocannabivarin (THCV)	0.028	0.089	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.108	0.345	ND	ND	
Total Cannabinoids			14.220	21.70	
Total Potential THC			0.770	1.20	
Total Potential CBD			3.490	5.30	

Final Approval



Karen Winternheimer
27Feb2023
11:26:00 AM MST

PREPARED BY / DATE



Sam Smith
27Feb2023
11:27:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e8b4f045-ca2e-4656-bec1-42d07a787501>

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
e8b4f045ca2e4656bec142d07a787501.1

Prepared for:

NULEAF NATURALS


1550 LARIMER ST. #964
DENVER, CO USA 80202

B403-0231

Batch ID or Lot Number: M306S	Test: Heavy Metals	Reported: 15Feb2023	USDA License: NA
Matrix: Unit	Test ID: T000234900	Started: 10Feb2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 07Feb2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.06 - 5.87	ND	
Cadmium	0.06 - 5.98	ND	
Mercury	0.06 - 5.83	ND	
Lead	0.06 - 6.02	ND	

Final Approval



Sam Smith
15Feb2023
09:39:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
15Feb2023
09:42:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/a54bd294-a4e6-4eb9-a775-392f75717cd1>

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: M306S	Test: Microbial Contaminants	Reported: 13Feb2023	USDA License: NA
Matrix: Finished Product	Test ID: T000234899	Started: 08Feb2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 07Feb2023	Status: NA

Microbial

Contaminants

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



Brett Hudson
12Feb2023
11:45:00 AM MST

PREPARED BY / DATE



Eden Thompson-Wright
13Feb2023
04:13:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2b71770f-becc-4c62-b42a-1abf3db7ffd7>

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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Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

B403-0231

Batch ID or Lot Number: M306S	Test: Pesticides	Reported: 10Feb2023	USDA License: NA
Matrix: Concentrate	Test ID: T000234898	Started: 08Feb2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 07Feb2023	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	358 - 2647	ND	Malathion	280 - 2717	ND
Acephate	42 - 2759	ND	Metalaxyl	46 - 2718	ND
Acetamiprid	43 - 2753	ND	Methiocarb	41 - 2688	ND
Azoxystrobin	44 - 2729	ND	Methomyl	43 - 2762	ND
Bifenazate	43 - 2722	ND	MGK 264 1	154 - 1645	ND
Boscalid	45 - 2744	ND	MGK 264 2	116 - 1140	ND
Carbaryl	43 - 2719	ND	Myclobutanil	45 - 2763	ND
Carbofuran	44 - 2734	ND	Naled	43 - 2762	ND
Chlorantraniliprole	43 - 2726	ND	Oxamyl	41 - 2766	ND
Chlorpyrifos	53 - 2824	ND	Pacllobutrazol	40 - 2726	ND
Clofentezine	275 - 2769	ND	Permethrin	313 - 2795	ND
Diazinon	292 - 2733	ND	Phosmet	44 - 2709	ND
Dichlorvos	275 - 2786	ND	Prophos	312 - 2672	ND
Dimethoate	41 - 2737	ND	Propoxur	41 - 2724	ND
E-Fenpyroximate	293 - 2797	ND	Pyridaben	313 - 2786	ND
Etofenprox	41 - 2790	ND	Spinosad A	35 - 2253	ND
Etoxazole	309 - 2762	ND	Spinosad D	52 - 508	ND
Fenoxycarb	47 - 2690	ND	Spiromesifen	292 - 2770	ND
Fipronil	56 - 2762	ND	Spirotetramat	274 - 2731	ND
Flonicamid	43 - 2825	ND	Spiroxamine 1	16 - 1206	ND
Fludioxonil	318 - 2756	ND	Spiroxamine 2	21 - 1539	ND
Hexythiazox	45 - 2799	ND	Tebuconazole	277 - 2724	ND
Imazalil	288 - 2739	ND	Thiacloprid	44 - 2774	ND
Imidacloprid	41 - 2755	ND	Thiamethoxam	42 - 2785	ND
Kresoxim-methyl	23 - 2807	ND	Trifloxystrobin	44 - 2758	ND

Final Approval



Karen Winternheimer
10Feb2023
06:26:00 AM MST

PREPARED BY / DATE



Sam Smith
10Feb2023
06:29:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uiid/dbd3eedd-7bf8-4b5e-bdce-218e93a9936c>

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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Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

B403-0231

Batch ID or Lot Number: M306S	Test: Residual Solvents	Reported: 09Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000234901	Started: 08Feb2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 07Feb2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	91 - 1828	ND	
Butanes (Isobutane, n-Butane)	189 - 3786	ND	
Methanol	59 - 1177	ND	
Pentane	96 - 1913	ND	
Ethanol	98 - 1967	ND	
Acetone	95 - 1903	ND	
Isopropyl Alcohol	99 - 1976	ND	
Hexane	6 - 113	ND	
Ethyl Acetate	96 - 1922	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	94 - 1886	ND	
Toluene	18 - 351	ND	
Xylenes (m,p,o-Xylenes)	133 - 2655	ND	

Final Approval



Karen Winternheimer
09Feb2023
07:32:00 AM MST

PREPARED BY / DATE



Sam Smith
09Feb2023
07:35:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7230ec76-c162-429b-8368-74ce5f62d192>

Definitions

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