

Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202


R60-BBM


Batch ID or Lot Number: M242	Test: Potency	Reported: 24Oct2022	USDA License: N/A
Matrix: Solution	Test ID: T000225192	Started: 21Oct2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 20Oct2022	Status: N/A

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.200	0.596	14.970	16.30	Density = 0.92g/mL
Cannabichromenic Acid (CBCA)	0.183	0.545	ND	ND	
Cannabidiol (CBD)	0.507	1.689	15.790	17.20	
Cannabidiolic Acid (CBDA)	0.520	1.733	ND	ND	
Cannabidivarin (CBDV)	0.120	0.400	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.217	0.723	ND	ND	
Cannabigerol (CBG)	0.114	0.338	14.530	15.80	
Cannabigerolic Acid (CBGA)	0.475	1.414	ND	ND	
Cannabinol (CBN)	0.148	0.441	15.060	16.40	
Cannabinolic Acid (CBNA)	0.324	0.965	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.566	1.685	<LOQ	1.70	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.514	1.530	<LOQ	0.70	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.455	1.356	ND	ND	
Tetrahydrocannabivarin (THCV)	0.103	0.308	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.401	1.196	ND	ND	
Total Cannabinoids			62.500	67.93	
Total Potential THC			0.630	0.68	
Total Potential CBD			15.790	17.16	

Final Approval


Samantha Smith
24Oct2022
10:31:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
24Oct2022
10:48:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/edcd65a9-135c-4f82-8922-4489152afaf8>

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


R60-BBM

Batch ID or Lot Number: M242	Test: Heavy Metals	Reported: 28Oct2022	USDA License: NA
Matrix: Unit	Test ID: T000225195	Started: 27Oct2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 20Oct2022	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.10	ND	
Cadmium	0.04 - 4.05	ND	
Mercury	0.04 - 4.13	ND	
Lead	0.04 - 4.10	ND	

Final Approval



Sam Smith
28Oct2022
06:04:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
28Oct2022
06:07:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/fa65c67c-13af-47ae-9390-b2018da76db0>

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


R60-BBM

Batch ID or Lot Number: M242	Test: Microbial Contaminants	Reported: 27Oct2022	USDA License: NA
Matrix: Finished Product	Test ID: T000225194	Started: 27Oct2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 20Oct2022	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	<LLOQ	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Eden Thompson-Wright
27Oct2022
09:42:00 AM MDT



Brett Hudson
27Oct2022
02:43:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/b208a6a7-f8c2-48c1-a458-32dc900d6475>

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

R60-BBM


Batch ID or Lot Number: M242	Test: Pesticides	Reported: 26Oct2022	USDA License: NA
Matrix: Concentrate	Test ID: T000225193	Started: 25Oct2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 20Oct2022	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	251 - 2634	ND
Acephate	35 - 2752	ND
Acetamiprid	36 - 2688	ND
Azoxystrobin	40 - 2741	ND
Bifenazate	38 - 2718	ND
Boscalid	41 - 2823	ND
Carbaryl	40 - 2721	ND
Carbofuran	41 - 2709	ND
Chlorantraniliprole	43 - 2763	ND
Chlorpyrifos	56 - 2830	ND
Clofentezine	279 - 2735	ND
Diazinon	277 - 2745	ND
Dichlorvos	258 - 2688	ND
Dimethoate	37 - 2672	ND
E-Fenpyroximate	283 - 2752	ND
Etofenprox	42 - 2757	ND
Etoxazole	288 - 2732	ND
Fenoxycarb	45 - 2766	ND
Fipronil	58 - 2756	ND
Flonicamid	39 - 2707	ND
Fludioxonil	286 - 2787	ND
Hexythiazox	39 - 2786	ND
Imazalil	259 - 2800	ND
Imidacloprid	42 - 2697	ND
Kresoxim-methyl	17 - 2783	ND

Pesticides	Dynamic Range (ppb)	Result (ppb)
Malathion	288 - 2733	ND
Metalaxyl	40 - 2748	ND
Methiocarb	42 - 2801	ND
Methomyl	34 - 2705	ND
MGK 264 1	144 - 1597	ND
MGK 264 2	113 - 1138	ND
Myclobutanil	45 - 2760	ND
Naled	47 - 2735	ND
Oxamyl	38 - 2691	ND
Pacllobutrazol	43 - 2705	ND
Permethrin	282 - 2780	ND
Phosmet	42 - 2720	ND
Prophos	287 - 2746	ND
Propoxur	40 - 2714	ND
Pyridaben	289 - 2762	ND
Spinosad A	30 - 2259	ND
Spinosad D	43 - 500	ND
Spiromesifen	270 - 2789	ND
Spirotetramat	260 - 2788	ND
Spiroxamine 1	16 - 1183	ND
Spiroxamine 2	20 - 1603	ND
Tebuconazole	294 - 2729	ND
Thiacloprid	36 - 2683	ND
Thiamethoxam	40 - 2711	ND
Trifloxystrobin	41 - 2738	ND

Final Approval



Sam Smith
26Oct2022
11:01:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
26Oct2022
11:05:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/4a3a33b0-561e-46f5-b6c1-142591d7886c>

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

R60-BBM

Batch ID or Lot Number: M242	Test: Residual Solvents	Reported: 27Oct2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000225196	Started: 26Oct2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 20Oct2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	86 - 1711	ND	
Butanes (Isobutane, n-Butane)	184 - 3672	ND	
Methanol	64 - 1277	ND	
Pentane	99 - 1984	ND	
Ethanol	104 - 2089	ND	
Acetone	99 - 1986	ND	
Isopropyl Alcohol	110 - 2191	ND	
Hexane	6 - 116	ND	
Ethyl Acetate	103 - 2068	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	102 - 2039	ND	
Toluene	19 - 371	ND	
Xylenes (m,p,o-Xylenes)	139 - 2778	ND	

Final Approval



Karen Winternheimer
27Oct2022
09:44:00 AM MDT

PREPARED BY / DATE



Sam Smith
27Oct2022
09:45:00 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

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