

Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

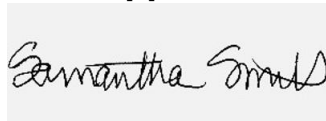
R30-BBN

Batch ID or Lot Number: N214S	Test: Potency	Reported: 27Apr2022	USDA License: N/A
Matrix: Solution	Test ID: T000202661	Started: 12Apr2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 12Apr2022	Status: N/A

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.092	0.312	1.890	2.10	Amendment to 12APR2022 report sample T000202661 due to incorrect Batch ID. Batch ID corrected. Density = 0.92g/mL
Cannabichromenic Acid (CBCA)	0.084	0.285	ND	ND	
Cannabidiol (CBD)	0.247	0.766	2.290	2.50	
Cannabidiolic Acid (CBDA)	0.253	0.786	ND	ND	
Cannabidivarin (CBDV)	0.058	0.181	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.106	0.328	ND	ND	
Cannabigerol (CBG)	0.052	0.177	2.010	2.20	
Cannabigerolic Acid (CBGA)	0.218	0.740	ND	ND	
Cannabinol (CBN)	0.068	0.231	29.370	31.90	
Cannabinolic Acid (CBNA)	0.149	0.505	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.260	0.882	1.570	1.70	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.236	0.801	0.300	0.30	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.209	0.710	ND	ND	
Tetrahydrocannabivarin (THCV)	0.047	0.161	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.185	0.626	ND	ND	
Total Cannabinoids			37.430	40.68	
Total Potential THC			0.300	0.33	
Total Potential CBD			2.290	2.49	

Final Approval



Sam Smith
27Apr2022
10:17:00 AM MDT

PREPARED BY / DATE



Jacob Miller
27Apr2022
10:18:00 AM MDT

APPROVED BY / DATE



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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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



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Prepared for:
NULEAF NATURALS


1550 LARIMER ST. #964
DENVER, CO USA 80202

R30-BBN

Batch ID or Lot Number: N214S	Test: Heavy Metals	Reported: 27Apr2022	USDA License: NA
Matrix: Unit	Test ID: T000202664	Started: 14Apr2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 12Apr2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.47	ND	Amendment to 15APR2022 report sample T000202664 due to incorrect Batch ID. Batch ID corrected.
Cadmium	0.04 - 4.32	ND	
Mercury	0.04 - 4.42	ND	
Lead	0.04 - 4.22	ND	

Final Approval


PREPARED BY / DATE
Sam Smith
27Apr2022
10:31:00 AM MDT


APPROVED BY / DATE
Jacob Miller
27Apr2022
10:33:00 AM MDT



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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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1550 LARIMER ST. #964
DENVER, CO USA 80202


R30-BBN

Batch ID or Lot Number: N214S	Test: Microbial Contaminants	Reported: 27Apr2022	USDA License: NA
Matrix: Finished Product	Test ID: T000202663	Started: 12Apr2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 12Apr2022	Status: NA

Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter Amendment to report T000202663 for batch ID correction. SCH 26Apr2022
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	<LLOQ	
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



Sarah Henning
26Apr2022
03:15:00 PM MDT

PREPARED BY / DATE



Carly Bader
27Apr2022
10:05:00 AM MDT

APPROVED BY / DATE



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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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1550 LARIMER ST. #964
DENVER, CO USA 80202

R30-BBN

Batch ID or Lot Number: N214S	Test: Pesticides	Reported: 27Apr2022	USDA License: NA
Matrix: Concentrate	Test ID: T000202662	Started: 12Apr2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 12Apr2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	289 - 2822	ND	Malathion	283 - 2716	ND
Acephate	44 - 2813	ND	Metalaxyl	44 - 2711	ND
Acetamiprid	40 - 2789	ND	Methiocarb	39 - 2823	ND
Azoxystrobin	44 - 2675	ND	Methomyl	42 - 2808	ND
Bifenazate	41 - 2692	ND	MGK 264 1	217 - 1555	ND
Boscalid	39 - 2815	ND	MGK 264 2	114 - 1142	ND
Carbaryl	37 - 2722	ND	Myclobutanil	39 - 2806	ND
Carbofuran	43 - 2701	ND	Naled	45 - 2751	ND
Chlorantraniliprole	54 - 2785	ND	Oxamyl	40 - 2804	ND
Chlorpyrifos	41 - 2794	ND	Pacllobutrazol	44 - 2722	ND
Clofentezine	287 - 2705	ND	Permethrin	270 - 2760	ND
Diazinon	269 - 2762	ND	Phosmet	44 - 2703	ND
Dichlorvos	323 - 2716	ND	Prophos	265 - 2815	ND
Dimethoate	39 - 2792	ND	Propoxur	41 - 2710	ND
E-Fenpyroximate	276 - 2768	ND	Pyridaben	268 - 2808	ND
Etofenprox	40 - 2758	ND	Spinosad A	34 - 2199	ND
Etoxazole	281 - 2762	ND	Spinosad D	46 - 502	ND
Fenoxycarb	43 - 2714	ND	Spiromesifen	268 - 2813	ND
Fipronil	71 - 2669	ND	Spirotetramat	273 - 2673	ND
Flonicamid	46 - 2804	ND	Spiroxamine 1	17 - 1185	ND
Fludioxonil	276 - 2806	ND	Spiroxamine 2	23 - 1583	ND
Hexythiazox	40 - 2779	ND	Tebuconazole	264 - 2711	ND
Imazalil	268 - 2724	ND	Thiacloprid	37 - 2782	ND
Imidacloprid	47 - 2779	ND	Thiamethoxam	37 - 2798	ND
Kresoxim-methyl	42 - 2770	ND	Trifloxystrobin	44 - 2712	ND

Final Approval



Sam Smith
27Apr2022
10:38:00 AM MDT

PREPARED BY / DATE



Jacob Miller
27Apr2022
10:42:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2fe7dd5d-348a-4e91-a465-5cee2e3ca14e>

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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



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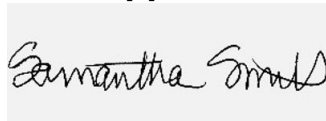
1550 LARIMER ST. #964
DENVER, CO USA 80202

R30-BBN

Batch ID or Lot Number: N214S	Test: Residual Solvents	Reported: 27Apr2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000202665	Started: 12Apr2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 12Apr2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	99 - 1984	ND	Amendment to 13APR2022 Report sample T000202665 due to incorrect Batch ID. Batch ID corrected.
Butanes (Isobutane, n-Butane)	192 - 3837	ND	
Methanol	68 - 1360	ND	
Pentane	100 - 1999	ND	
Ethanol	107 - 2138	ND	
Acetone	108 - 2162	ND	
Isopropyl Alcohol	114 - 2278	ND	
Hexane	7 - 132	ND	
Ethyl Acetate	110 - 2198	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	106 - 2129	ND	
Toluene	20 - 403	ND	
Xylenes (m,p,o-Xylenes)	148 - 2954	ND	

Final Approval



Sam Smith
27Apr2022
10:24:00 AM MDT

PREPARED BY / DATE



Jacob Miller
27Apr2022
10:26:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/849264cd-7795-4006-84bd-e02e20baa000>

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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