

Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

3:1 CBD:CBN Gummy (Goji Berry)

Batch ID or Lot Number: 220207	Test: Potency	Reported: 30Aug2022	USDA License: N/A
Matrix: Unit	Test ID: T000219593	Started: 29Aug2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 26Aug2022	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.414	1.159	0.700	0.20	# of Servings = 1, Sample Weight=4.49g
Cannabichromenic Acid (CBCA)	0.379	1.060	ND	ND	
Cannabidiol (CBD)	0.951	2.851	20.860	4.60	
Cannabidiolic Acid (CBDA)	0.976	2.924	ND	ND	
Cannabidivarin (CBDV)	0.225	0.674	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.407	1.220	ND	ND	
Cannabigerol (CBG)	0.235	0.658	ND	ND	
Cannabigerolic Acid (CBGA)	0.983	2.751	ND	ND	
Cannabinol (CBN)	0.307	0.859	6.320	1.40	
Cannabinolic Acid (CBNA)	0.671	1.877	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.171	3.278	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	1.064	2.977	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.942	2.637	ND	ND	
Tetrahydrocannabivarin (THCV)	0.214	0.599	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.831	2.326	ND	ND	
Total Cannabinoids			27.880	6.21	
Total Potential THC			ND	ND	
Total Potential CBD			20.860	4.65	

Final Approval



Daniel Weidensaul
30Aug2022
03:12:00 PM MDT

PREPARED BY / DATE



Jacob Miller
30Aug2022
03:14:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f6da3ebb-ce76-46ec-b360-c7390c080eca>

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

3:1 CBD:CBN Gummy (Goji Berry)

Batch ID or Lot Number: 220207	Test: Heavy Metals	Reported: 31Aug2022	USDA License: NA
Matrix: Unit	Test ID: T000219597	Started: 30Aug2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 26Aug2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.54	ND	
Cadmium	0.05 - 4.58	ND	
Mercury	0.04 - 4.44	ND	
Lead	0.05 - 4.57	ND	

Final Approval



Sam Smith
31Aug2022
02:01:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
31Aug2022
02:17:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e6eb8c4a-0f9d-4bc3-bf85-69b815d616ee>

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


3:1 CBD:CBN Gummy (Goji Berry)

Batch ID or Lot Number: 220207	Test: Microbial Contaminants	Reported: 14Sep2022	USDA License: NA
Matrix: Finished Product	Test ID: T000219596	Started: 26Aug2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 26Aug2022	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



Eden Thompson-Wright
29Aug2022
01:59:00 PM MDT

PREPARED BY / DATE



Sarah Henning
29Aug2022
03:20:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/13260595-e3bb-4dc5-8a27-0067c9db4762>

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

3:1 CBD:CBN Gummy (Goji Berry)

Batch ID or Lot Number: 220207	Test: Pesticides	Reported: 01Sep2022	USDA License: NA
Matrix: Concentrate	Test ID: T000219595	Started: 31Aug2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 26Aug2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	336 - 2764	ND	Malathion	286 - 2727	ND
Acephate	38 - 2825	ND	Metalaxyl	44 - 2773	ND
Acetamiprid	40 - 2748	ND	Methiocarb	43 - 2781	ND
Azoxystrobin	44 - 2772	ND	Methomyl	41 - 2781	ND
Bifenazate	39 - 2738	ND	MGK 264 1	169 - 1643	ND
Boscalid	41 - 2797	ND	MGK 264 2	101 - 1157	ND
Carbaryl	40 - 2768	ND	Myclobutanil	48 - 2791	ND
Carbofuran	40 - 2730	ND	Naled	48 - 2779	ND
Chlorantraniliprole	40 - 2745	ND	Oxamyl	42 - 2787	ND
Chlorpyrifos	39 - 2718	ND	Pacllobutrazol	42 - 2723	ND
Clofentezine	270 - 2766	ND	Permethrin	289 - 2741	ND
Diazinon	280 - 2765	ND	Phosmet	41 - 2743	ND
Dichlorvos	252 - 2767	ND	Prophos	282 - 2763	ND
Dimethoate	42 - 2738	ND	Propoxur	42 - 2745	ND
E-Fenpyroximate	296 - 2734	ND	Pyridaben	295 - 2753	ND
Etofenprox	42 - 2689	ND	Spinosad A	35 - 2247	ND
Etoxazole	299 - 2720	ND	Spinosad D	48 - 498	ND
Fenoxycarb	41 - 2752	ND	Spiromesifen	283 - 2740	ND
Fipronil	20 - 2847	ND	Spirotetramat	276 - 2798	ND
Flonicamid	50 - 2754	ND	Spiroxamine 1	18 - 1189	ND
Fludioxonil	273 - 2782	ND	Spiroxamine 2	24 - 1591	ND
Hexythiazox	42 - 2699	ND	Tebuconazole	288 - 2837	ND
Imazalil	262 - 2789	ND	Thiacloprid	42 - 2744	ND
Imidacloprid	40 - 2747	ND	Thiamethoxam	40 - 2776	ND
Kresoxim-methyl	42 - 2813	ND	Trifloxystrobin	44 - 2745	ND

Final Approval



Daniel Weidensaul
01Sep2022
01:40:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
01Sep2022
01:46:00 PM 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
ppb = Parts Per Billion

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Prepared for:
NULEAF NATURALS

1550 LARIMER ST. #964
DENVER, CO USA 80202

3:1 CBD:CBN Gummy (Goji Berry)

Batch ID or Lot Number: 220207	Test: Terpenes	Reported: 30Aug2022	USDA License: NA
Matrix: Concentrate	Test ID: T000219594	Started: 29Aug2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 26Aug2022	Status: NA

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0000	0.0000
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0000	0.0000

0.0000%
Total
Terpenes

PREDOMINANT TERPENES

(-)-alpha-Bisabolol 0.0000
(-)-beta-Pinene 0.0000
alpha-Humulene 0.0000
alpha-Pinene 0.0000
alpha-Terpinene 0.0000
beta-Caryophyllene 0.0000
beta-Myrcene 0.0000
d-Limonene 0.0000
delta-3-Carene 0.0000
Linalool 0.0000

Notes

Final Approval



PREPARED BY / DATE

Jacob Miller
30Aug2022
01:08:00 PM MDT



APPROVED BY / DATE

Daniel Weidensaul
30Aug2022
01:10:00 PM MDT



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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

3:1 CBD:CBN Gummy (Goji Berry)

Batch ID or Lot Number: 220207	Test: Residual Solvents	Reported: 29Aug2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000219598	Started: 29Aug2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 26Aug2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	81 - 1612	ND	
Butanes (Isobutane, n-Butane)	171 - 3421	ND	
Methanol	54 - 1082	ND	
Pentane	89 - 1787	ND	
Ethanol	84 - 1689	ND	
Acetone	88 - 1769	ND	
Isopropyl Alcohol	90 - 1810	ND	
Hexane	5 - 109	ND	
Ethyl Acetate	90 - 1804	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	91 - 1821	ND	
Toluene	16 - 320	ND	
Xylenes (m,p,o-Xylenes)	118 - 2365	ND	

Final Approval



Daniel Weidensaul
30Aug2022
06:19:00 PM MDT

PREPARED BY / DATE



Jacob Miller
30Aug2022
06:20:00 PM MDT

APPROVED BY / DATE



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Definitions

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