

Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

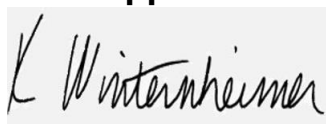
Full Spectrum CBD Gummies - Strawberry

Batch ID or Lot Number: 412F306-0218, 0222	Test: Potency	Reported: 28Mar2024	USDA License: N/A
Matrix: Unit	Test ID: T000275163	Started: 27Mar2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 26Mar2024	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.328	0.938	<LOQ	<LOQ	# of Servings = 1, Sample Weight=4g
Cannabichromenic Acid (CBCA)	0.300	0.858	ND	ND	
Cannabidiol (CBD)	0.818	2.633	17.180	4.30	
Cannabidiolic Acid (CBDA)	0.839	2.701	ND	ND	
Cannabidivarin (CBDV)	0.193	0.623	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.350	1.127	ND	ND	
Cannabigerol (CBG)	0.186	0.533	5.130	1.30	
Cannabigerolic Acid (CBGA)	0.779	2.227	ND	ND	
Cannabinol (CBN)	0.243	0.695	ND	ND	
Cannabinolic Acid (CBNA)	0.531	1.519	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.928	2.653	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.843	2.409	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.747	2.135	ND	ND	
Tetrahydrocannabivarin (THCV)	0.170	0.484	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.659	1.883	ND	ND	
Total Cannabinoids			22.310	5.60	
Total Potential THC			ND	ND	
Total Potential CBD			17.180	4.30	

Final Approval



Karen Winternheimer
27Mar2024
01:30:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
27Mar2024
01:34:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/beaca7d4-4c09-4b39-82e0-6ec447889406>

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02

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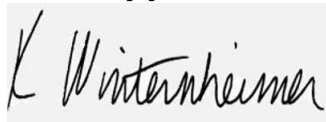
Full Spectrum CBD Gummies - Strawberry

Batch ID or Lot Number: 412F306-0218, 0222	Test: Pesticides	Reported: 29Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000275164	Started: 27Mar2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 26Mar2024	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	353 - 2766	ND	Malathion	287 - 2690	ND
Acephate	40 - 2715	ND	Metalaxyl	45 - 2665	ND
Acetamiprid	42 - 2686	ND	Methiocarb	41 - 2782	ND
Azoxystrobin	43 - 2696	ND	Methomyl	41 - 2736	ND
Bifenazate	40 - 2677	ND	MGK 264 1	157 - 1604	ND
Boscalid	50 - 2724	ND	MGK 264 2	104 - 1096	ND
Carbaryl	40 - 2687	ND	Myclobutanil	39 - 2780	ND
Carbofuran	42 - 2683	ND	Naled	44 - 2666	ND
Chlorantraniliprole	46 - 2776	ND	Oxamyl	40 - 2750	ND
Chlorpyrifos	44 - 2738	ND	Paclobutrazol	39 - 2687	ND
Clofentezine	281 - 2731	ND	Permethrin	266 - 2762	ND
Diazinon	281 - 2691	ND	Phosmet	41 - 2559	ND
Dichlorvos	270 - 2733	ND	Prophos	288 - 2753	ND
Dimethoate	42 - 2686	ND	Propoxur	43 - 2696	ND
E-Fenpyroximate	261 - 2758	ND	Pyridaben	281 - 2768	ND
Etofenprox	43 - 2727	ND	Spinosad A	34 - 2079	ND
Etoxazole	277 - 2656	ND	Spinosad D	65 - 655	ND
Fenoxycarb	44 - 2705	ND	Spiromesifen	269 - 2727	ND
Fipronil	41 - 2620	ND	Spirotetramat	282 - 2740	ND
Flonicamid	40 - 2793	ND	Spiroxamine 1	15 - 1057	ND
Fludioxonil	255 - 2762	ND	Spiroxamine 2	23 - 1635	ND
Hexythiazox	41 - 2755	ND	Tebuconazole	284 - 2722	ND
Imazalil	282 - 2730	ND	Thiacloprid	41 - 2704	ND
Imidacloprid	48 - 2778	ND	Thiamethoxam	40 - 2730	ND
Kresoxim-methyl	42 - 2735	ND	Trifloxystrobin	42 - 2699	ND

Final Approval


K Winternheimer

Karen Winternheimer
29Mar2024
01:11:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
29Mar2024
01:13:00 PM 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
ppb = Parts Per Billion

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Prepared for:
NuLeaf Naturals LLC

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Denver, CO USA 80202

Full Spectrum CBD Gummies - Strawberry

Batch ID or Lot Number: 412F306-0218, 0222	Test: Heavy Metals	Reported: 28Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000275166	Started: 28Mar2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 26Mar2024	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.64	ND	
Cadmium	0.04 - 4.40	ND	
Mercury	0.04 - 4.42	ND	
Lead	0.04 - 4.38	ND	

Final Approval



Phillip Travisano
28Mar2024
03:29:00 PM MDT

PREPARED BY / DATE



Colin Hendrickson
28Mar2024
05:35:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2d493ddb-f8a5-40da-95ea-fec9e8cd1ebf>

Definitions

ND = None Detected (defined by dynamic range of the method)

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NuLeaf Naturals LLC

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Denver, CO USA 80202

Full Spectrum CBD Gummies - Strawberry

Batch ID or Lot Number: 412F306-0218, 0222	Test: Microbial Contaminants	Reported: 29Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000275165	Started: 26Mar2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 26Mar2024	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



Brett Hudson
29Mar2024
11:16:00 AM MDT

PREPARED BY / DATE



Brianne Maillot
30Mar2024
07:16:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/3eaea080-c39e-480c-a6c1-7d41b959d089>

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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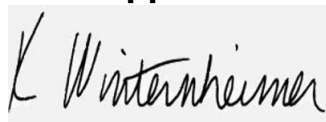
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Denver, CO USA 80202

Full Spectrum CBD Gummies - Strawberry

Batch ID or Lot Number: 412F306-0218, 0222	Test: Mycotoxins	Reported: 28Mar2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000275168	Started: 26Mar2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 26Mar2024	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.44 - 134.87	ND	N/A
Aflatoxin B1	0.93 - 34.06	ND	
Aflatoxin B2	1.00 - 33.93	ND	
Aflatoxin G1	0.96 - 33.68	ND	
Aflatoxin G2	0.93 - 34.22	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
28Mar2024
08:48:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
28Mar2024
08:49:00 AM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/c3b9ddb2-d32f-4e8c-a26d-f3b0fe6a4114>

Definitions

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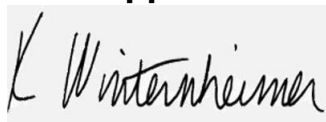
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Denver, CO USA 80202

Full Spectrum CBD Gummies - Strawberry

Batch ID or Lot Number: 412F306-0218, 0222	Test: Residual Solvents	Reported: 26Mar2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000275167	Started: 25Mar2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 26Mar2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	98 - 1958	ND	
Butanes (Isobutane, n-Butane)	171 - 3415	ND	
Methanol	61 - 1229	ND	
Pentane	80 - 1594	ND	
Ethanol	90 - 1806	>1806	
Acetone	97 - 1946	ND	
Isopropyl Alcohol	101 - 2018	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	99 - 1971	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	91 - 1814	ND	
Toluene	18 - 355	ND	
Xylenes (m,p,o-Xylenes)	126 - 2517	ND	

Final Approval



Karen Winternheimer
26Mar2024
02:40:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
26Mar2024
02:41:00 PM MDT

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Definitions

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

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