

Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

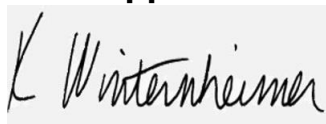
Full Spectrum Mixed Berry Gummies

Batch ID or Lot Number: 415F306-0569	Test: Potency	Reported: 17May2024	USDA License: N/A
Matrix: Unit	Test ID: T000280390	Started: 16May2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 14May2024	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.357	1.128	<LOQ	<LOQ	# of Servings = 1, Sample Weight=4g
Cannabichromenic Acid (CBCA)	0.326	1.032	ND	ND	
Cannabidiol (CBD)	0.991	2.920	19.400	4.90	
Cannabidiolic Acid (CBDA)	1.016	2.995	ND	ND	
Cannabidivarin (CBDV)	0.234	0.691	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.424	1.249	ND	ND	
Cannabigerol (CBG)	0.203	0.641	3.590	0.90	
Cannabigerolic Acid (CBGA)	0.847	2.678	ND	ND	
Cannabinol (CBN)	0.264	0.836	6.260	1.60	
Cannabinolic Acid (CBNA)	0.578	1.827	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.009	3.190	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.916	2.897	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.812	2.567	ND	ND	
Tetrahydrocannabivarin (THCV)	0.184	0.583	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.716	2.264	ND	ND	
Total Cannabinoids			29.250	7.40	
Total Potential THC			ND	ND	
Total Potential CBD			19.400	4.90	

Final Approval


K Winternheimer

Karen Winternheimer
17May2024
09:58:00 AM MDT

PREPARED BY / DATE


Sam Smith

Sam Smith
17May2024
10:01:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d61b4e36-9acd-40b6-82b6-2b3b9f042895>

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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Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

Full Spectrum Mixed Berry Gummies

Batch ID or Lot Number: 415F306-0569	Test: Pesticides	Reported: 10May2024	USDA License: NA
Matrix: Finished Product	Test ID: T000279493	Started: 13Apr2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 03May2024	Status: NA

Pesticides

	Dynamic Range (ppb)	Result (ppb)
Abamectin	346 - 2669	ND
Acephate	37 - 2652	ND
Acetamiprid	44 - 2643	ND
Azoxystrobin	42 - 2692	ND
Bifenazate	41 - 2688	ND
Boscalid	43 - 2728	ND
Carbaryl	40 - 2701	ND
Carbofuran	44 - 2680	ND
Chlorantraniliprole	48 - 2738	ND
Chlorpyrifos	37 - 2695	ND
Clofentezine	280 - 2766	ND
Diazinon	283 - 2702	ND
Dichlorvos	277 - 2622	ND
Dimethoate	42 - 2636	ND
E-Fenpyroximate	287 - 2743	ND
Etofenprox	43 - 2717	ND
Etoxazole	292 - 2606	ND
Fenoxycarb	43 - 2728	ND
Fipronil	44 - 2814	ND
Flonicamid	41 - 2740	ND
Fludioxonil	297 - 2755	ND
Hexythiazox	41 - 2705	ND
Imazalil	283 - 2702	ND
Imidacloprid	48 - 2702	ND
Kresoxim-methyl	41 - 2695	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	298 - 2673	ND
Metalaxyl	39 - 2668	ND
Methiocarb	44 - 2788	ND
Methomyl	43 - 2692	ND
MGK 264 1	172 - 1597	ND
MGK 264 2	112 - 1093	ND
Myclobutanil	36 - 2804	ND
Naled	47 - 2680	ND
Oxamyl	45 - 2698	ND
Paclobutrazol	42 - 2702	ND
Permethrin	304 - 2683	ND
Phosmet	40 - 2591	ND
Prophos	279 - 2785	ND
Propoxur	42 - 2699	ND
Pyridaben	296 - 2697	ND
Spinosad A	34 - 2076	ND
Spinosad D	70 - 651	ND
Spiromesifen	280 - 2711	ND
Spirotetramat	271 - 2766	ND
Spiroxamine 1	12 - 1057	ND
Spiroxamine 2	9 - 1645	ND
Tebuconazole	283 - 2695	ND
Thiacloprid	47 - 2656	ND
Thiamethoxam	40 - 2689	ND
Trifloxystrobin	44 - 2711	ND

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Sam Smith
10May2024
09:31:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
10May2024
09:40:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/13791503-7717-44b5-8e38-d88a2702a8ee>

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

1550 Larimer St. Ste 964
Denver, CO USA 80202

Full Spectrum Mixed Berry Gummies

Batch ID or Lot Number: 415F306-0569	Test: Heavy Metals	Reported: 08May2024	USDA License: NA
Matrix: Finished Product	Test ID: T000279495	Started: 07May2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 03May2024	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.51	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.01 - 0.64	ND	

Final Approval



Karen Winternheimer
07May2024
05:24:00 PM MDT

PREPARED BY / DATE



Sam Smith
08May2024
01:31:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/fc8efa66-404b-4449-a499-7b4cfd38e5a>

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 LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

Full Spectrum Mixed Berry Gummies

Batch ID or Lot Number: 415F306-0569	Test: Microbial Contaminants	Reported: 08May2024	USDA License: NA
Matrix: Finished Product	Test ID: T000279494	Started: 03May2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 03May2024	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
06May2024
05:44:00 PM MDT

PREPARED BY / DATE



Brianne Maillot
08May2024
07:56:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/40d7b936-a35b-4390-b627-8eef4b2854ef>

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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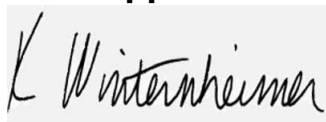
Full Spectrum Mixed Berry Gummies

Batch ID or Lot Number: 415F306-0569	Test: Mycotoxins	Reported: 13May2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000279497	Started: 10May2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 03May2024	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.97 - 124.61	ND	N/A
Aflatoxin B1	0.86 - 32.23	ND	
Aflatoxin B2	0.89 - 32.61	ND	
Aflatoxin G1	0.95 - 32.71	ND	
Aflatoxin G2	1.56 - 32.96	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
13May2024
10:59:00 AM MDT

PREPARED BY / DATE



Sam Smith
13May2024
11:03:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/20c11d78-0e61-4db2-be8f-d377a9e1159d>

Definitions

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

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Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

Full Spectrum Mixed Berry Gummies

Batch ID or Lot Number: 415F306-0569	Test: Residual Solvents	Reported: 09May2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000279496	Started: 08May2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 03May2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	68 - 1358	ND	
Butanes (Isobutane, n-Butane)	141 - 2811	ND	
Methanol	57 - 1149	ND	
Pentane	76 - 1517	ND	
Ethanol	87 - 1737	>1737	
Acetone	90 - 1808	ND	
Isopropyl Alcohol	100 - 1999	ND	
Hexane	6 - 111	ND	
Ethyl Acetate	95 - 1891	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	85 - 1704	ND	
Toluene	17 - 347	ND	
Xylenes (m,p,o-Xylenes)	129 - 2572	ND	

Final Approval



Sam Smith
09May2024
08:01:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
09May2024
08:03:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ed0ee980-403c-40be-ab53-1285abd6a5b1>

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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