

Prepared for:

NuLeaf Naturals LLC

1550 Larimer St. Ste 964

Denver, CO USA 80202

Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 350F306-0576, -0359, -0360	Test: Potency	Reported: 15Dec2023	USDA License: N/A
Matrix: Unit	Test ID: T000264695	Started: 14Dec2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 13Dec2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.271	0.875	ND	ND	# of Servings = 1, Sample Weight=4g
Cannabichromenic Acid (CBCA)	0.247	0.801	ND	ND	
Cannabidiol (CBD)	0.847	2.442	3.540	0.90	
Cannabidiolic Acid (CBDA)	0.868	2.505	ND	ND	
Cannabidivarin (CBDV)	0.200	0.578	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.362	1.045	ND	ND	
Cannabigerol (CBG)	0.154	0.497	ND	ND	
Cannabigerolic Acid (CBGA)	0.642	2.078	ND	ND	
Cannabinol (CBN)	0.200	0.648	ND	ND	
Cannabinolic Acid (CBNA)	0.438	1.418	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.765	2.475	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.695	2.248	6.110	1.50	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.616	1.992	ND	ND	
Tetrahydrocannabivarin (THCV)	0.140	0.452	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.543	1.757	ND	ND	
Total Cannabinoids			9.650	2.40	
Total Potential THC			6.110	1.50	
Total Potential CBD			3.540	0.90	

Final ApprovalSam Smith
15Dec2023
01:13:00 PM MST

PREPARED BY / DATE

Karen Winternheimer
15Dec2023
01:15:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/5a2edbb7-f65a-4a82-89d7-1935bc1382a4>**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

5a2edbb7f65a4a8289d71935bc1382a4.1

Prepared for:
NuLeaf Naturals LLC

1110 Leed Pkwy
1550 Larimer St. Ste 964
Denver, CO USA 80202

Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 350F306-0576, -0359, -0360	Test: Heavy Metals	Reported: 05Jan2024	USDA License: NA
Matrix: Finished Product	Test ID: T000266022	Started: 04Jan2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 29Dec2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.44	ND	
Cadmium	0.04 - 4.43	ND	
Mercury	0.04 - 4.49	ND	
Lead	0.04 - 4.17	ND	

Final Approval



Sam Smith
05Jan2024
07:04:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
05Jan2024
07:09:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/fa0bf06c-03ca-428c-8fa2-bb31ad246774>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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

fa0bf06c03ca428c8fa2bb31ad246774.1

Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

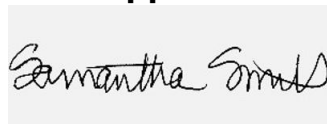
Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 350F306-0576, -0359, -0360	Test: Pesticides	Reported: 04Jan2024	USDA License: NA
Matrix: Finished Product	Test ID: T000266020	Started: 03Jan2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 29Dec2023	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	313 - 2683	ND	Malathion	290 - 2696	ND
Acephate	42 - 2718	ND	Metalaxyl	44 - 2712	ND
Acetamiprid	44 - 2701	ND	Methiocarb	43 - 2781	ND
Azoxystrobin	46 - 2713	ND	Methomyl	42 - 2742	ND
Bifenazate	46 - 2730	ND	MGK 264 1	170 - 1624	ND
Boscalid	47 - 2764	ND	MGK 264 2	117 - 1075	ND
Carbaryl	44 - 2699	ND	Myclobutanil	13 - 2763	ND
Carbofuran	43 - 2699	ND	Naled	45 - 2672	ND
Chlorantraniliprole	44 - 2788	ND	Oxamyl	42 - 2752	ND
Chlorpyrifos	53 - 2703	ND	Paclobutrazol	42 - 2697	ND
Clofentezine	288 - 2742	ND	Permethrin	286 - 2754	ND
Diazinon	278 - 2719	ND	Phosmet	45 - 2614	ND
Dichlorvos	288 - 2694	ND	Prophos	298 - 2772	ND
Dimethoate	43 - 2704	ND	Propoxur	44 - 2715	ND
E-Fenpyroximate	276 - 2764	ND	Pyridaben	301 - 2685	ND
Etofenprox	47 - 2700	ND	Spinosad A	33 - 2090	ND
Etoxazole	290 - 2635	ND	Spinosad D	63 - 664	ND
Fenoxycarb	49 - 2754	ND	Spiromesifen	269 - 2716	ND
Fipronil	56 - 2686	ND	Spirotetramat	272 - 2795	ND
Flonicamid	46 - 2747	ND	Spiroxamine 1	17 - 1053	ND
Fludioxonil	303 - 2742	ND	Spiroxamine 2	27 - 1616	ND
Hexythiazox	49 - 2725	ND	Tebuconazole	281 - 2738	ND
Imazalil	274 - 2745	ND	Thiacloprid	45 - 2702	ND
Imidacloprid	40 - 2749	ND	Thiamethoxam	43 - 2744	ND
Kresoxim-methyl	46 - 2760	ND	Trifloxystrobin	48 - 2729	ND

Final Approval


Sam Smith
04Jan2024
09:17:00 AM MST

PREPARED BY / DATE


Karen Winternheimer
04Jan2024
09:21:00 AM MST

APPROVED BY / DATE

Karen Winternheimer
04Jan2024
09:21:00 AM MST



<https://results.botanacor.com/api/v1/coas/uuid/26e17c2d-728d-454c-b0fb-f4d18bb90c0f>

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 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
26e17c2d728d454cb0fbf4d18bb90c0f.1

Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 350F306-0576, -0359, -0360	Test: Residual Solvents	Reported: 03Jan2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000266023	Started: 02Jan2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 29Dec2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	79 - 1575	ND	
Butanes (Isobutane, n-Butane)	176 - 3518	ND	
Methanol	61 - 1214	ND	
Pentane	87 - 1750	ND	
Ethanol	87 - 1738	>1738	
Acetone	100 - 1994	ND	
Isopropyl Alcohol	97 - 1944	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	102 - 2038	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	98 - 1965	ND	
Toluene	18 - 357	ND	
Xylenes (m,p,o-Xylenes)	127 - 2547	ND	

Final Approval



Sam Smith
03Jan2024
01:46:00 PM MST

PREPARED BY / DATE



Karen Winternheimer
03Jan2024
02:37:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b9976354-03cc-44a9-8f24-9745d38866ee>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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

b997635403cc44a98f249745d38866ee.1

Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 350F306-0576, -0359, -0360	Test: Microbial Contaminants	Reported: 05Jan2024	USDA License: NA
Matrix: Finished Product	Test ID: T000266021	Started: 05Jan2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 29Dec2023	Status: NA

Microbial

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
05Jan2024
11:07:00 AM MST

PREPARED BY / DATE



Brianne Maillot
05Jan2024
12:21:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e99aa13b-b32a-41cd-889d-fc0fdd771dab>

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

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

e99aa13bb32a41cd889dfc0fdd771dab.1

Prepared for:

NuLeaf Naturals LLC

1550 Larimer St. Ste 964

Denver, CO USA 80202

Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 350F306-0576, -0359, -0360	Test: Mycotoxins	Reported: 08Jan2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000266024	Started: 05Jan2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 29Dec2023	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.85 - 132.20	ND	N/A
Aflatoxin B1	0.93 - 33.99	ND	
Aflatoxin B2	0.99 - 34.28	ND	
Aflatoxin G1	1.09 - 34.25	ND	
Aflatoxin G2	1.06 - 34.35	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
08Jan2024
08:42:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
08Jan2024
08:51:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/611c8c41-8828-4db7-b840-6a21085f75d8>

Definitions

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

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

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

611c8c4188284db7b8406a21085f75d8.1