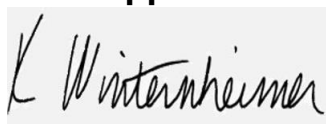


Prepared for:
NuLeaf Naturals LLC1550 Larimer St. Ste 964
Denver, CO USA 80202**Delta-9 THC Gummy (Blue Raspberry)**

Batch ID or Lot Number: 420F306-0359, -0576, -0360	Test: Potency	Reported: 12Jun2024	USDA License: N/A
Matrix: Unit	Test ID: T000283517	Started: 11Jun2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 10Jun2024	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.227	0.880	ND	ND	# of Servings = 1, Sample Weight=4g
Cannabichromenic Acid (CBCA)	0.207	0.805	ND	ND	
Cannabidiol (CBD)	0.931	2.310	4.550	1.10	
Cannabidiolic Acid (CBDA)	0.955	2.369	ND	ND	
Cannabidivarin (CBDV)	0.220	0.546	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.398	0.988	ND	ND	
Cannabigerol (CBG)	0.129	0.500	ND	ND	
Cannabigerolic Acid (CBGA)	0.538	2.089	ND	ND	
Cannabinol (CBN)	0.168	0.652	ND	ND	
Cannabinolic Acid (CBNA)	0.367	1.425	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.641	2.489	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.582	2.260	6.150	1.50	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.516	2.003	ND	ND	
Tetrahydrocannabivarin (THCV)	0.117	0.455	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.455	1.766	ND	ND	
Total Cannabinoids			10.700	2.60	
Total Potential THC			6.150	1.50	
Total Potential CBD			4.550	1.10	

Final ApprovalKaren Winternheimer
12Jun2024
12:44:00 PM MDT

PREPARED BY / DATE

Sam Smith
12Jun2024
12:52:00 PM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/653d5e4a-6c1d-4f17-97e2-a56778f50c36>**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)).

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653d5e4a6c1d4f1797e2a56778f50c36.1

Prepared for:
NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

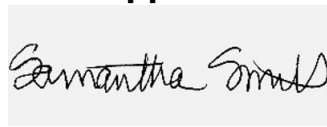
Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 420F306-0359, -0576, -0360	Test: Pesticides	Reported: 27Jun2024	USDA License: NA
Matrix: Finished Product	Test ID: T000284446	Started: 26Jun2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 20Jun2024	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	492 - 2782	ND	Malathion	289 - 2740	ND
Acephate	39 - 2737	ND	Metalaxyl	43 - 2742	ND
Acetamiprid	39 - 2709	ND	Methiocarb	41 - 2732	ND
Azoxystrobin	45 - 2727	ND	Methomyl	42 - 2761	ND
Bifenazate	45 - 2708	ND	MGK 264 1	65 - 1532	ND
Boscalid	39 - 2717	ND	MGK 264 2	97 - 1089	ND
Carbaryl	38 - 2731	ND	Myclobutanil	40 - 2704	ND
Carbofuran	42 - 2702	ND	Naled	43 - 2682	ND
Chlorantraniliprole	38 - 2717	ND	Oxamyl	42 - 2764	ND
Chlorpyrifos	25 - 2744	ND	Paclobutrazol	41 - 2702	ND
Clofentezine	278 - 2710	ND	Permethrin	263 - 2746	ND
Diazinon	278 - 2746	ND	Phosmet	43 - 2608	ND
Dichlorvos	264 - 2725	ND	Prophos	277 - 2740	ND
Dimethoate	41 - 2726	ND	Propoxur	42 - 2701	ND
E-Fenpyroximate	260 - 2843	ND	Pyridaben	265 - 2838	ND
Etofenprox	36 - 2769	ND	Spinosad A	30 - 2070	ND
Etoxazole	254 - 2755	ND	Spinosad D	58 - 687	ND
Fenoxycarb	42 - 2737	ND	Spiromesifen	246 - 2837	ND
Fipronil	37 - 2764	ND	Spirotetramat	294 - 2758	ND
Flonicamid	45 - 2733	ND	Spiroxamine 1	15 - 1020	ND
Fludioxonil	268 - 2689	ND	Spiroxamine 2	24 - 1610	ND
Hexythiazox	34 - 2828	ND	Tebuconazole	303 - 2724	ND
Imazalil	284 - 2776	ND	Thiacloprid	43 - 2760	ND
Imidacloprid	43 - 2744	ND	Thiamethoxam	37 - 2739	ND
Kresoxim-methyl	46 - 2757	ND	Trifloxystrobin	42 - 2725	ND

Final Approval


Sam Smith
27Jun2024
09:09:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
27Jun2024
09:11:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/aad3d2f2-5a04-42ec-95b5-2392e350fe21>

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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Denver, CO USA 80202

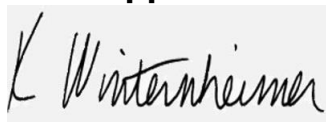
Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 420F306-0359, -0576, -0360	Test: Heavy Metals	Reported: 26Jun2024	USDA License: NA
Matrix: Finished Product	Test ID: T000284448	Started: 25Jun2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 20Jun2024	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.56	ND	
Mercury	0.05 - 4.82	ND	
Lead	0.05 - 4.70	ND	

Final Approval



Karen Winternheimer
26Jun2024
01:48:00 PM MDT

PREPARED BY / DATE



Sam Smith
26Jun2024
02:00:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/610a77d6-3b37-4abf-98c8-9d8f207acce8>

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

Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 420F306-0359, -0576, -0360	Test: Microbial Contaminants	Reported: 24Jun2024	USDA License: NA
Matrix: Finished Product	Test ID: T000284447	Started: 20Jun2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 20Jun2024	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



Brianne Maillot
24Jun2024
03:38:00 PM MDT



Brett Hudson
24Jun2024
05:14:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/f1ceaa11-408f-4343-860e-2408b2fe95b6>

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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NuLeaf Naturals LLC

1550 Larimer St. Ste 964
Denver, CO USA 80202

Delta-9 THC Gummy (Blue Raspberry)

Batch ID or Lot Number: 420F306-0359, -0576, -0360	Test: Mycotoxins	Reported: 28Jun2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000284450	Started: 26Jun2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 20Jun2024	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.06 - 123.79	ND	N/A
Aflatoxin B1	0.96 - 31.74	ND	
Aflatoxin B2	0.96 - 31.74	ND	
Aflatoxin G1	1.02 - 31.37	ND	
Aflatoxin G2	1.06 - 31.71	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
28Jun2024
11:47:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
28Jun2024
11:49:00 AM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/428f27fa-ba66-4ad9-b5b2-4f83b65bf609>

Definitions

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

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428f27fab664ad9b5b24f83b65bf609.1

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: 420F306-0359, -0576, -0360	Test: Residual Solvents	Reported: 24Jun2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000284449	Started: 21Jun2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 20Jun2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	77 - 1547	ND	
Butanes (Isobutane, n-Butane)	157 - 3149	ND	
Methanol	61 - 1219	ND	
Pentane	83 - 1663	ND	
Ethanol	92 - 1847	>1847	
Acetone	97 - 1930	ND	
Isopropyl Alcohol	103 - 2057	ND	
Hexane	6 - 118	ND	
Ethyl Acetate	99 - 1984	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	92 - 1841	ND	
Toluene	18 - 359	ND	
Xylenes (m,p,o-Xylenes)	129 - 2586	ND	

Final Approval



Karen Winternheimer
24Jun2024
08:41:00 AM MDT

PREPARED BY / DATE



Sam Smith
24Jun2024
09:00:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/cdde96c1-872e-452e-b61c-ecc5dc378a7c>

Definitions

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

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