

Prepared for:
FUNCTION BOTANICALS
 4 EAST 62ND STREET, 2ND FLOOR
 NEW YORK, NY USA 10065

1200mg Full Spectrum Oil

Batch ID or Lot Number: T-33421-B4	Test: Potency	Reported: 03Aug2022	USDA License: N/A
Matrix: Unit	Test ID: T000216014	Started: 02Aug2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 29Jul2022	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.377	4.650	74.040	2.50	# of Servings = 1, Sample Weight=30g
Cannabichromenic Acid (CBCA)	1.259	4.253	ND	ND	
Cannabidiol (CBD)	5.782	14.636	1288.970	43.00	
Cannabidiolic Acid (CBDA)	5.930	15.011	ND	ND	
Cannabidivarin (CBDV)	1.368	3.461	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.474	6.262	ND	ND	
Cannabigerol (CBG)	0.782	2.640	581.930	19.40	
Cannabigerolic Acid (CBGA)	3.268	11.037	ND	ND	
Cannabinol (CBN)	1.020	3.444	12.100	0.40	
Cannabinolic Acid (CBNA)	2.230	7.530	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	3.894	13.149	10.700	0.40	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	3.536	11.942	59.660	2.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.133	10.580	ND	ND	
Tetrahydrocannabivarin (THCV)	0.711	2.401	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	2.764	9.332	ND	ND	
Total Cannabinoids			2027.400	67.58	
Total Potential THC			59.660	1.99	
Total Potential CBD			1288.970	42.97	

Final Approval



Daniel Weidensaul
 03Aug2022
 05:06:00 PM MDT



Jacob Miller
 03Aug2022
 05:08:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/97bceb75-5e3c-4665-80fe-cd988742905c>

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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



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Prepared for:
FUNCTION BOTANICALS

4 EAST 62ND STREET, 2ND FLOOR
NEW YORK, NY USA 10065

1200mg Full Spectrum Oil

Batch ID or Lot Number: T-33421-B4	Test: Pesticides	Reported: 07Mar2022	USDA License: NA
Matrix: Concentrate	Test ID: T000195546	Started: 03Mar2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 02Mar2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	289 - 2640	ND	Malathion	281 - 2743	ND
Acephate	46 - 2835	ND	Metalaxyl	47 - 2720	ND
Acetamiprid	36 - 2772	ND	Methiocarb	43 - 2654	ND
Azoxystrobin	46 - 2696	ND	Methomyl	43 - 2776	ND
Bifenazate	42 - 2669	ND	MGK 264 1	181 - 1611	ND
Boscalid	61 - 2650	ND	MGK 264 2	131 - 1090	ND
Carbaryl	40 - 2720	ND	Myclobutanil	42 - 2588	ND
Carbofuran	42 - 2674	ND	Naled	44 - 2738	ND
Chlorantraniliprole	42 - 2669	ND	Oxamyl	45 - 2740	ND
Chlorpyrifos	45 - 2713	ND	Paclobotrazol	48 - 2614	ND
Clofentezine	296 - 2575	ND	Permethrin	306 - 2736	ND
Diazinon	275 - 2715	ND	Phosmet	46 - 2770	ND
Dichlorvos	281 - 2810	ND	Prophos	257 - 2699	ND
Dimethoate	41 - 2749	ND	Propoxur	41 - 2737	ND
E-Fenpyroximate	291 - 2717	ND	Pyridaben	297 - 2705	ND
Etofenprox	44 - 2713	ND	Spinosad A	32 - 2250	ND
Etoxazole	294 - 2711	ND	Spinosad D	44 - 501	ND
Fenoxycarb	43 - 2725	ND	Spiromesifen	272 - 2768	ND
Fipronil	29 - 2620	ND	Spirotetramat	310 - 2731	ND
Fonicamid	43 - 2678	ND	Spiroxamine 1	16 - 1123	ND
Fludioxonil	290 - 2675	ND	Spiroxamine 2	22 - 1503	ND
Hexythiazox	43 - 2722	ND	Tebuconazole	290 - 2698	ND
Imazalil	254 - 2808	ND	Thiacloprid	37 - 2796	ND
Imidacloprid	48 - 2760	ND	Thiamethoxam	43 - 2752	ND
Kresoxim-methyl	54 - 2787	ND	Trifloxystrobin	44 - 2713	ND

Final Approval



Daniel Weidensaul
07Mar2022
12:19:00 PM MST



Sam Smith
07Mar2022
12:22:00 PM MST



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APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/4e648057-c73e-4e20-98aa-fd999ac67ac5>

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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/ IEC 17025:2005 Accredited A2LA.



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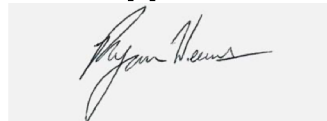
Prepared for:
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 4 EAST 62ND STREET, 2ND FLOOR
 NEW YORK, NY USA 10065

1200mg Full Spectrum Oil

Batch ID or Lot Number: T-33421-B4	Test: Heavy Metals	Reported: 04Mar2022	USDA License: NA
Matrix: Unit	Test ID: T000195546	Started: 03Mar2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 02Mar2022	Status: NA

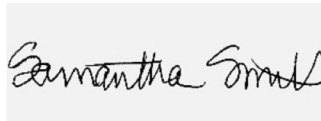
Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.45	ND	
Cadmium	0.04 - 4.40	ND	
Mercury	0.04 - 4.40	ND	
Lead	0.04 - 4.26	ND	

Final Approval



Ryan Weems
 04Mar2022
 11:35:00 AM MST

PREPARED BY / DATE



Sam Smith
 04Mar2022
 11:38:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/68245f52-7b2d-4e0f-b6d8-207f3ab8ba72>

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:
FUNCTION BOTANICALS

4 EAST 62ND STREET, 2ND FLOOR
NEW YORK, NY USA 10065

1200mg Full Spectrum Oil

Batch ID or Lot Number: T-33421-B4	Test: Microbial Contaminants	Reported: 07Mar2022	USDA License: NA
Matrix: Finished Product	Test ID: T000195546	Started: 03Mar2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 02Mar2022	Status: NA

Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter None Detected None Detected
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	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



Carly Bader
06Mar2022
12:22:00 PM MST



Eden Thompson-Wright
07Mar2022
09:40:00 AM MST



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APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/bf7981e1-b800-4394-8cc4-48e4b3b8dbe2>

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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FUNCTION BOTANICALS
4 EAST 62ND STREET, 2ND FLOOR
NEW YORK, NY USA 10065

1200mg Full Spectrum Oil

Batch ID or Lot Number: T-33421-B4	Test: Residual Solvents	Reported: 04Mar2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000195546	Started: 04Mar2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 02Mar2022	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	95 - 1899	ND	
Butanes (Isobutane, n-Butane)	192 - 3832	ND	
Methanol	56 - 1121	ND	
Pentane	100 - 2008	ND	
Ethanol	80 - 1604	ND	
Acetone	98 - 1963	ND	
Isopropyl Alcohol	91 - 1817	ND	
Hexane	7 - 137	ND	
Ethyl Acetate	105 - 2104	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	101 - 2026	ND	
Toluene	16 - 322	ND	
Xylenes (m,p,o-Xylenes)	106 - 2115	ND	

Final Approval



Hannah Wright
05Mar2022
05:23:00 PM MST

PREPARED BY / DATE



Daniel Weidensaul
05Mar2022
05:29:00 PM MST

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<https://results.botanacor.com/api/v1/coas/uuid/302a2d79-4832-4e98-8574-bf9e86b7096f>

Definitions

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