

CERTIFICATE OF ANALYSIS

Prepared for:
CBFarma Brazil

Rod. Antonio Heril, no. 6250, KM 6 Galpao 01,
Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

Brazil 2000mg CBD 1000mg CBN MCT Tincture

Batch ID or Lot Number: 240308F	Test: Potency	Reported: 25Mar2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000274792	Started: 21Mar2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 20Mar2024	Status: Active

Cannabinoids	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.005	0.020	0.517	5.17	
Cannabichromenic Acid (CBCA)	0.005	0.018	ND	ND	
Cannabidiol (CBD)	0.019	0.055	6.822	68.22	
Cannabidiolic Acid (CBDA)	0.019	0.057	<LOQ	<LOQ	
Cannabidivarin (CBDV)	0.004	0.013	0.053	0.53	
Cannabidivarinic Acid (CBDVA)	0.008	0.024	ND	ND	
Cannabigerol (CBG)	0.003	0.011	0.448	4.48	
Cannabigerolic Acid (CBGA)	0.013	0.047	ND	ND	
Cannabinol (CBN)	0.004	0.015	3.512	35.12	
Cannabinolic Acid (CBNA)	0.009	0.032	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.015	0.055	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.050	0.174	1.74	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.012	0.045	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.039	ND	ND	
Total Cannabinoids			11.526	115.26	
Total Potential THC			0.174	1.74	
Total Potential CBD			6.822	68.22	

Final Approval



Karen Winternheimer
25Mar2024
09:58:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
25Mar2024
09:59:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/74b919f6-71e2-4dbc-9130-9285761e9946>

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

CDPHE Certified

74b919f671e24dbc91309285761e9946.1

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CBFarma Brazil

Rod. Antonio Heril, no. 6250, KM 6 Galpao 01,
Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

Brazil 2000mg CBD 1000mg CBN MCT Tincture

Batch ID or Lot Number: 240308F	Test: Pesticides	Reported: 13Mar2024	USDA License: NA
Matrix: Concentrate	Test ID: T000273800	Started: 12Mar2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 11Mar2024	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	392 - 2731	ND	Malathion	283 - 2748	ND
Acephate	42 - 2664	ND	Metalaxyl	46 - 2742	ND
Acetamiprid	44 - 2648	ND	Methiocarb	44 - 2738	ND
Azoxystrobin	47 - 2718	ND	Methomyl	45 - 2685	ND
Bifenazate	47 - 2741	ND	MGK 264 1	164 - 1602	ND
Boscalid	39 - 2707	ND	MGK 264 2	127 - 1068	ND
Carbaryl	42 - 2679	ND	Myclobutanil	44 - 2663	ND
Carbofuran	44 - 2687	ND	Naled	49 - 2691	ND
Chlorantraniliprole	38 - 2697	ND	Oxamyl	43 - 2699	ND
Chlorpyrifos	54 - 2722	ND	Pacllobutrazol	44 - 2693	ND
Clofentezine	280 - 2713	ND	Permethrin	159 - 2746	ND
Diazinon	286 - 2720	ND	Phosmet	39 - 2612	ND
Dichlorvos	266 - 2715	ND	Prophos	306 - 2711	ND
Dimethoate	44 - 2642	ND	Propoxur	47 - 2704	ND
E-Fenpyroximate	229 - 2831	ND	Pyridaben	295 - 2707	ND
Etofenprox	49 - 2693	ND	Spinosad A	34 - 2071	ND
Etoxazole	301 - 2626	ND	Spinosad D	67 - 652	ND
Fenoxycarb	43 - 2722	ND	Spiromesifen	290 - 2706	ND
Fipronil	61 - 2766	ND	Spirotetramat	295 - 2796	ND
Flonicamid	56 - 2698	ND	Spiroxamine 1	15 - 1051	ND
Fludioxonil	284 - 2706	ND	Spiroxamine 2	24 - 1592	ND
Hexythiazox	42 - 2735	ND	Tebuconazole	297 - 2745	ND
Imazalil	281 - 2771	ND	Thiacloprid	45 - 2648	ND
Imidacloprid	45 - 2681	ND	Thiamethoxam	43 - 2686	ND
Kresoxim-methyl	45 - 2785	ND	Trifloxystrobin	46 - 2706	ND

Final Approval



Karen Winternheimer
13Mar2024
09:45:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
13Mar2024
09:47:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f0f5f224-1ad0-4f9c-ae18-630b396cb322>

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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Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

Brazil 2000mg CBD 1000mg CBN MCT Tincture

Batch ID or Lot Number: 240308F	Test: Residual Solvents	Reported: 13Mar2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000273803	Started: 12Mar2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 11Mar2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	117 - 2337	ND	
Butanes (Isobutane, n-Butane)	219 - 4375	ND	
Methanol	65 - 1305	ND	
Pentane	104 - 2077	ND	
Ethanol	106 - 2119	ND	
Acetone	105 - 2091	ND	
Isopropyl Alcohol	106 - 2110	ND	
Hexane	7 - 132	ND	
Ethyl Acetate	105 - 2105	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	102 - 2043	ND	
Toluene	19 - 373	ND	
Xylenes (m,p,o-Xylenes)	132 - 2636	ND	

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Karen Winternheimer
13Mar2024
10:30:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
13Mar2024
10:31:00 AM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/e9dcc3d7-dae4-4122-9fad-a82bde549e71>

Definitions

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

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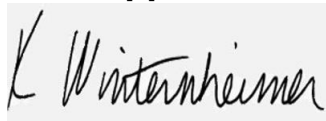
Rod. Antonio Heril, no. 6250, KM 6 Galpao 01,
Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

Brazil 2000mg CBD 1000mg CBN MCT Tincture

Batch ID or Lot Number: 240308F	Test: Mycotoxins	Reported: 19Mar2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000273804	Started: 18Mar2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 11Mar2024	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.92 - 132.60	ND	N/A
Aflatoxin B1	0.96 - 34.28	ND	
Aflatoxin B2	1.06 - 34.18	ND	
Aflatoxin G1	1.09 - 34.51	ND	
Aflatoxin G2	1.16 - 34.68	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
19Mar2024
09:36:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
19Mar2024
09:37:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ea99acf6-55c7-4064-b8be-d03e2e4ba362>

Definitions

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Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

CB Farma Night Use 2000mg CBD 1000mg CBN

Batch ID or Lot Number: 240314B	Test: Microbial Contaminants	Reported: 28Mar2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000274591	Started: 20Mar2024	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 20Mar2024	Status: Active

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
25Mar2024
03:29:00 PM MDT



Brianne Maillot
26Mar2024
06:14:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/8074db22-59e0-4e8c-a9e3-4857502ab043>

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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Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

Brazil 2000mg CBD 1000mg CBN MCT Tincture

Batch ID or Lot Number: 240308F	Test: Heavy Metals	Reported: 13Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000273802	Started: 13Mar2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 11Mar2024	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.62	ND	
Cadmium	0.05 - 4.51	ND	
Mercury	0.05 - 4.59	ND	
Lead	0.04 - 4.50	ND	

Final Approval



Phillip Travisano
13Mar2024
12:04:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
13Mar2024
12:21:00 PM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/4f13c4f0-6d8d-4c74-a9d1-408ab73de232>

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