

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 1200mg CBD 1200mg CBG MCT Tincture

Batch ID or Lot Number: 240308E	Test: Potency	Reported: 15Mar2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000273805	Started: 13Mar2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 11Mar2024	Status: Active

Cannabinoids	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.012	0.038	0.316	3.16	
Cannabichromenic Acid (CBCA)	0.011	0.035	ND	ND	
Cannabidiol (CBD)	0.036	0.104	4.242	42.42	
Cannabidiolic Acid (CBDA)	0.037	0.107	ND	ND	
Cannabidivarin (CBDV)	0.009	0.025	0.035	0.35	
Cannabidivarinic Acid (CBDVA)	0.015	0.045	ND	ND	
Cannabigerol (CBG)	0.007	0.022	4.362	43.62	
Cannabigerolic Acid (CBGA)	0.028	0.090	ND	ND	
Cannabinol (CBN)	0.009	0.028	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.019	0.062	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.034	0.108	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.030	0.098	0.117	1.17	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.027	0.087	ND	ND	
Tetrahydrocannabivarin (THCV)	0.006	0.020	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.024	0.077	ND	ND	
Total Cannabinoids			9.072	90.72	
Total Potential THC			0.117	1.17	
Total Potential CBD			4.242	42.42	

Final Approval



Karen Winternheimer
15Mar2024
03:02:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
15Mar2024
03:04:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1eea2d9b-3c8c-418d-9c0d-9ac02f5b197>

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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Cert #4329.02

CDPHE Certified

1eea2d9b3c8c418d9c0d9ac02f5b197.1

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

Brazil 1200mg CBD 1200mg CBG MCT Tincture

Batch ID or Lot Number: 240308E	Test: Pesticides	Reported: 13Mar2024	USDA License: NA
Matrix: Concentrate	Test ID: T000273806	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/6ce095c1-9024-4b5e-aff9-81f1f8f250b4>

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 Itapava, ITAJAI Brazil 88.318-112

Brazil 1200mg CBD 1200mg CBG MCT Tincture

Batch ID or Lot Number: 240308E	Test: Residual Solvents	Reported: 13Mar2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000273809	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	105 - 2094	ND	
Butanes (Isobutane, n-Butane)	196 - 3919	ND	
Methanol	58 - 1169	ND	
Pentane	93 - 1861	ND	
Ethanol	95 - 1898	ND	
Acetone	94 - 1873	ND	
Isopropyl Alcohol	95 - 1890	ND	
Hexane	6 - 118	ND	
Ethyl Acetate	94 - 1885	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	91 - 1830	ND	
Toluene	17 - 334	ND	
Xylenes (m,p,o-Xylenes)	118 - 2362	ND	

Final Approval



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/1219ce34-edd7-40e1-b177-cba459a06ca6>

Definitions

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Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

Brazil 1200mg CBD 1200mg CBG MCT Tincture

Batch ID or Lot Number: 240308E	Test: Heavy Metals	Reported: 13Mar2024	USDA License: NA
Matrix: Finished Product	Test ID: T000273808	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

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b578bf9c-1bf4-4cc1-ab21-c8b319441b27>

Definitions

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Bairro Itaipava
Bairro Itapava, ITAJAI Brazil 88.318-112

CB Farma Day Use 1200mg CBD 1200mg CBG

Batch ID or Lot Number: 240314A	Test: Microbial Contaminants	Reported: 28Mar2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000274590	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/edb00b79-7d07-44bd-8f47-24b3fab3d3dd>

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 Itapava, ITAJAI Brazil 88.318-112

Brazil 1200mg CBD 1200mg CBG MCT Tincture

Batch ID or Lot Number: 240308E	Test: Mycotoxins	Reported: 19Mar2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000273810	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	2.86 - 130.01	ND	N/A
Aflatoxin B1	0.94 - 33.61	ND	
Aflatoxin B2	1.04 - 33.51	ND	
Aflatoxin G1	1.07 - 33.83	ND	
Aflatoxin G2	1.14 - 34.00	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/b6d01e68-2154-4c4e-9e9d-e026f2030d72>

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