

Certificate of Analysis
Compliance Test

Client Information:

CBfarma Batch # 240820D Test Reg State: Colorado Production Facility: Proper Rhino Packaging
Rod. Antonio Heril, no. 6250, KM 6 Batch Date: 2024-08-20 Extracted From: N/A Production Date: 2024-08-20
Galpão 01, Bairro Itaipava, ITAJAI Brazil
Order # PRO240820-050001 Sampling Date: 2024-08-23 Initial Gross Weight: 229.878 g
Order Date: 2024-08-20 Lab Batch Date: 2024-08-23
Sample # AAFW322 Completion Date: 2024-08-28



Product Image

Potency Tested **Pathogenic Passed** **Microbiology Petrifilm Passed**

Potency 10

Specimen Weight: 100.600 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	5.40E-5	0.0015	211.6600	21.1660
CBC	10.000	1.80E-5	0.0015	16.0100	1.6010
CBG	10.000	2.48E-4	0.0015	10.4000	1.0400
Delta-9 THC	10.000	1.30E-5	0.0015	2.8800	0.2880
CBDV	10.000	6.50E-5	0.0015	4.1800	0.4180
CBDA	10.000	1.00E-5	0.0015	1.9400	0.1940
CBN	10.000	1.40E-5	0.0015	0.4600	0.0460
CBGA	10.000	8.00E-5	0.0015	0.2400	0.0240
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD	10.000			213.361	21.336
Total Active THC	10.000			2.880	0.288

Potency Summary

Total Active THC 0.288%	Total Active CBD 21.336%
Total CBG 1.061%	Total CBN 0.046%
Total Cannabinoids 24.877%	

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877). *Total CBDV = CBDV + (CBDVA * 0.867). Total Active THC = THCA-A * 0.877 + Delta 9 THC. Total THC = THCV + (THCVA * 0.87). CBG Total = (CBGA * 0.878) + CBG. CBN Total = (CBNA * 0.876) + CBN. Total CBC = CBC + (CBCA * 0.877). Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate. Total THCP = Delta8-THCP + Delta9-THCP. Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per CO rule 6 CCR 1010-21. Failed - Analyte/microbe is at the level that equal or above the action limit per CO rule 6 CCR 1010-21 Sample not received via laboratory sampling.
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Compliance Test

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Order Date: 2024-08-20 Lab Batch Date: 2024-08-23
Sample # AAFW322 Completion Date: 2024-08-28

Pathogenic SE (qPCR) - CO
Specimen Weight: 25.110 g

Passed
SOP13.029
(qPCR)

Dilution Factor: 1.000

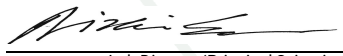
Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
E.Coli	Passed	Salmonella	Passed

Microbiology (Petrifilm) - CO
Specimen Weight: 997.000 mg

Passed
SOP13.003
(Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Limit (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Limit (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	10000	<10	Yeast/Mold	10	1000	<10
Total Coliform	10	100	<10				


Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

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CERTIFICATE OF ANALYSIS

Prepared for:

CBfarma

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

6000mg CBD FS

Batch ID or Lot Number: 240820D	Test: Mycotoxins	Reported: 23Aug2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000272970	Started: 19Aug2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 19Aug2024	Status: Active

Mycotoxins

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.24 - 129.60	ND	
Aflatoxin B1	1.00 - 32.99	ND	
Aflatoxin B2	1.00 - 32.93	ND	
Aflatoxin G1	1.00 - 33.02	ND	
Aflatoxin G2	1.17 - 33.09	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
23Aug2024
02:47:00 PM MDT

PREPARED BY / DATE



Sam Smith
23Aug2024
03:24:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9e86d47b-6919-45f5-b247-6cd25e882c3c>

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

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CERTIFICATE OF ANALYSIS

Prepared for:

CBfarma

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

6000mg CBD FS

Batch ID or Lot Number: 240820D	Test: Residual Solvents	Reported: 23Aug2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000272969	Started: 19Aug2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 19Aug2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	85 - 1693	ND	
Butanes (Isobutane, n-Butane)	171 - 3429	ND	
Methanol	66 - 1328	ND	
Pentane	94 - 1873	ND	
Ethanol	96 - 1929	665	
Acetone	108 - 2158	ND	
Isopropyl Alcohol	109 - 2179	ND	
Hexane	7 - 136	ND	
Ethyl Acetate	110 - 2197	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	104 - 2084	ND	
Toluene	20 - 393	ND	
Xylenes (m,p,o-Xylenes)	137 - 2746	ND	

Final Approval



Karen Winternheimer
23Aug2024
02:03:00 PM MDT

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Sam Smith
23Aug2024
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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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Cert #4329.02

CDPHE Certified

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Prepared for:

CBfarma

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


6000mg CBD FS

Batch ID or Lot Number: 240820D	Test: Pesticides	Reported: 23Aug2024	USDA License: NA
Matrix: Concentrate	Test ID: T000272966	Started: 19Aug2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 19Aug2024	Status: NA

Pesticides

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	89
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
23Aug2024
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Sam Smith
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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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Cert #4329.02

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CERTIFICATE OF ANALYSIS

Prepared for:

CBfarma

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

6000mg CBD FS

Batch ID or Lot Number: 240820D	Test: Heavy Metals	Reported: 23Aug2024	USDA License: NA
Matrix: Concentrate Co	Test ID: T000272968	Started: 19Aug2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 19Aug2024	Status: NA

Heavy Metals


	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.55	ND	
Cadmium	0.05 - 4.62	ND	
Mercury	0.05 - 4.53	ND	
Lead	0.05 - 4.52	ND	

Final Approval



Karen Winternheimer
23Aug2024
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Sam Smith
23Aug2024
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APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/857b8b32-a424-4df5-9239-d4046acce118>

Definitions

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Cert #4329.02

CDPHE Certified

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