

## **Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS**

**DATE ISSUED 06/05/2025** 

#### **SAMPLE DETAILS**

SAMPLE NAME: 1500 mg FS CBD Natural

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: 250508B Sample ID: 250603L025

**DISTRIBUTOR / TESTED FOR** 

Business Name: CBFarma Brazil

License Number:

Address: Rod. Antonio Heril, no. 6250, KM 6

Galpao 01, ITAJAI Brazil

taipava Bairro Itapava, 88.318-112

Date Collected: 06/03/2025 Date Received: 06/03/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: 30 grams per Unit Serving Size: 1 gram per Serving





Scan QR code to verify authenticity of results.

#### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 36.240 mg/unit

Total CBD: 1671.480 mg/unit

Sum of Cannabinoids: 1794.450 mg/unit

Total Cannabinoids: 1794.180 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step: Total THC =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta$ 8-THC + CBL + CBN Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

Density: 0.9514 g/mL

#### **SAFETY ANALYSIS - SUMMARY**

 $\Delta^9$ -THC per Unit:  $\bigcirc$  PASS

 $\Delta^9$ -THC per Serving:  $\bigcirc$  PASS

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Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),

Andy Alderete Job Title: Lead Laboratory Technician Date: 06/05/2025

Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 06/05/2025

Amendment to Certificate of Analysis 250603L025-002



DATE ISSUED 06/05/2025





## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 36.240 mg/unit Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 1671.480 mg/unit** 

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 1794.180 mg/unit

$$\label{eq:total_constraint} \begin{split} & Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + (Total \ CBC) + (Total \ CBC) + (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{split}$$

TOTAL CBG: 22.020 mg/unit

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND** 

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 42.570 mg/unit

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 12.150 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 06/04/2025**

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Ī	CBD	0.004 / 0.011	±2.0758	55.651	5.5651
	СВС	0.003 / 0.010	±0.0457	1.419	0.1419
	$\Delta^9$ -THC	0.002 / 0.014	±0.0663	1.208	0.1208
	CBG	0.002 / 0.006	±0.0356	0.734	0.0734
	CBDV	0.002 / 0.012	±0.0165	0.405	0.0405
	CBN	0.001 / 0.007	±0.0064	0.224	0.0224
	CBL	0.003 / 0.010	±0.0037	0.100	0.0100
	CBDa	0.001 / 0.026	±0.0021	0.074	0.0074
	$\Delta^8$ -THC	0.01 / 0.02	N/A	ND	ND
t	THCa	0.001 / 0.005	N/A	ND	ND
	THCV	0.002 / 0.012	N/A	ND	ND
	THCVa	0.002 / 0.019	N/A	ND	ND
Ī	CBDVa	0.001 / 0.018	N/A	ND	ND
	CBGa	0.002 / 0.007	N/A	ND	ND
	CBCa	0.001 / 0.015	N/A	ND	ND
	SUM OF CANNA	BINOIDS		59.815 mg/g	5.9815%

#### Unit Mass: 30 grams per Unit / Serving Size: 1 gram per Serving

$\Delta^9$ -THC per Unit	110 per-package li <mark>mit</mark>	36.240 mg/unit	PASS
$\Delta^9$ -THC per Serving		1.208 mg/serving	PASS
Total THC per Unit		36.240 mg/unit	
Total THC per Serving		1.208 mg/serving	
CBD per Unit		1669.530 mg/unit	
CBD per Serving		55.651 mg/serving	
Total CBD per Unit		1671.480 mg/unit	
Total CBD per Serving		55.716 mg/serving	
Sum of Cannabinoids per Unit		1794.450 mg/unit	
Sum of Cannabinoids per Serving		59.815 mg/serving	
Total Cannabinoids per Unit		1794.180 mg/unit	
Total Cannabinoids per Serving		59.806 mg/serving	

#### **DENSITY TEST RESULT**

#### 0.9514 g/mL

Tested 06/04/2025

**Method:** QSP 7870 - Sample Preparation

#### **NOTES**

Reason for Amendment: Result Change Sample serving mass provided by client. Sample unit mass provided by client.



# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

**DATE ISSUED 06/28/2025** 

#### **SAMPLE DETAILS**

SAMPLE NAME: 1500mg FS Natural

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

**Batch Number:** 250508B **Sample ID:** 250624L012

**DISTRIBUTOR / TESTED FOR** 

Business Name: CBFarma Brazil

License Number:

Address: Rod. Antonio Heril, no. 6250, KM 6

Galpao 01, ITAJAI Brazil

taipava Bairro Itapava, 88.318-112

**Date Collected:** 06/24/2025 **Date Received:** 06/24/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: Serving Size:







Scan QR code to verify authenticity of results.

#### **SAFETY ANALYSIS - SUMMARY**

Microbiology (PCR): PASS

Microbiology (Plating): ND

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Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

 $\label{eq:continuous} \textbf{References:} \ \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), } \\ \mu g/g = ppm, \\ \mu g/kg = ppb, \\ \text{too numerous to count} > 250 \ \ \ \text{cfu/plate (TNTC), colony-forming unit (cfu)} \\ \end{cases}$ 

LQC verified by/Samantha LeBeau Job Title: Laboratory Assistant Date: 06/28/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 06/28/2025



DATE ISSUED 06/28/2025





## **Microbiology Analysis**

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

Analysis conducted by  $3M^{^{T\!M}}$  Petrifilm  $^{^{T\!M}}$  and plate counts of microbiological contaminants.

**Method:** QSP 6794 - Plating with  $3M^{TM}$  Petrifilm<sup>TM</sup>

### MICROBIOLOGY TEST RESULTS (PCR) - 06/28/2025 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Salmonella spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS

#### MICROBIOLOGY TEST RESULTS (PLATING) - 06/28/2025 ND

COMPOUND	(cfu/g)
Coliforms	ND
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND



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FL License # CMTL-0003 **CLIA No.** 10D1094068

**Full Spectrum Distillate** Sample Matrix: CBD/HEMP **Derivative Products** (Inhalation - Heated)



### **Certificate of Analysis**

Test Reg State: Florida

Batch # 250508B

Batch Date : 06-06-2025
Extracted From: INDUSTRIAL HEMP

Order # LAU250109-020001

Sampling Date: 2025-06-08 Lab Batch Date: 2025-06-09 Completion Date: 2025-06-13 Order Date: 2025-06-09 Sample # AAGH400

Initial Gross Weight: 26.600 g

**Heavy Metals** 

Specimen Weight: 252.300 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 198

Analyte		LOQ (ppb)	Action Level (ppb)	Result (ppb) Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	200	<loq (pb)<="" lead="" td=""><td>11.76</td><td>100</td><td>500</td><td><l0q< td=""></l0q<></td></loq>	11.76	100	500	<l0q< td=""></l0q<>
Cadmium (Cd)	64	100	200	<loo (ha)<="" mercury="" td=""><td>.58</td><td>100</td><td>200</td><td><l00< td=""></l00<></td></loo>	.58	100	200	<l00< td=""></l00<>

Mycotoxins

Specimen Weight: 616.600 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 2.430

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6			Aflatoxin G2		6	20	<l0q< td=""></l0q<>
Aflatoxin B2	7.7000E-2	6	20	<l0q< td=""><td>Ochratoxin A</td><td>7.5400E-1</td><td>3.8</td><td>20</td><td><l0q< td=""></l0q<></td></l0q<>	Ochratoxin A	7.5400E-1	3.8	20	<l0q< td=""></l0q<>
Aflatoxin G1	3.0400E-1	6	20	<l0q< td=""><td></td><td></td><td></td><td></td><td></td></l0q<>					

#### Residual Solvents - FL (CBD)

Specimen Weight: 15.000 mg

**Passed** SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm) Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	ND Heptane	0.0013	1.39	5000	ND
1,2-Dichloroethane	0.0003	0.04	2	ND Hexane	0.068	1.17	290	ND
Acetone	0.015	2.08	5000	ND Isopropyl alcohol	0.0048	1.39	500	ND
Acetonitrile	0.06	1.17	410	ND Methanol	0.0005	0.69	3000	ND
Benzene	0.0002	0.02	2	ND Methylene chloride	0.0029	2.43	600	ND
Butanes	0.4167	2.5	2000	ND Pentane	0.037	2.08	5000	ND
Chloroform	0.0001	0.04	60	ND Propane	0.031	5.83	2100	ND
Ethanol	0.0021	2.78	5000	ND Toluene	0.0009	2.92	890	ND
Ethyl Acetate	0.0012	1.11	5000	ND Total Xylenes	0.0001	2.92	2170	ND
Ethyl Ether	0.0049	1.39	5000	ND Trichloroethylene	0.0014	0.49	80	ND
Ethylene Oxide	0.0038	0.1	5	ND				

Aixia Sun Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)





QA By: 1057 on 2025-06-17 14:59:28 V1



Definitions are found on page 1
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**CLIA No.** 10D1094068

**Full Spectrum Distillate** Sample Matrix: CBD/HEMP **Derivative Products** (Inhalation - Heated)



## Certificate of Analysis

Test Reg State: Florida

Batch # 250508B

Batch Date : 06-06-2025
Extracted From: INDUSTRIAL HEMP

Order # LAU250109-020001

Sampling Date: 2025-06-08 Lab Batch Date: 2025-06-09 Completion Date: 2025-06-13 Order Date: 2025-06-09 Sample # AAGH400

Initial Gross Weight: 26.600 g

#### Pesticides

Specimen Weight: 616.600 mg

**Passed** SOP13.007 (LCMS)

Dilution Factor: 2.430								
Analyte	LOD	LOQ	Action Level	Result Analyte	LOD	LOQ	Action Level	Result
•	(ppb)	(ppb)	(ppb)	(bbp)	(ppb)	(ppb)	(ppb)	(ppb)
Abamectin	2.8800E-1	28.23	100	<loq fludioxonil<="" td=""><td>1.7400E+0</td><td>48</td><td>100</td><td><l00< td=""></l00<></td></loq>	1.7400E+0	48	100	<l00< td=""></l00<>
Acephate	2.3000E-2	30	100	<loq hexythiazox<="" td=""><td>4.9000E-2</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq>	4.9000E-2	30	100	<l0q< td=""></l0q<>
Acequinocyl	9.5640E+0	48	100	<loq imazalil<="" td=""><td>2.4800E-1</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq>	2.4800E-1	30	100	<l0q< td=""></l0q<>
Acetamiprid	5.2000E-2	30	100	<loq imidacloprid<="" td=""><td>9.4000E-2</td><td>30</td><td>400</td><td><l0q< td=""></l0q<></td></loq>	9.4000E-2	30	400	<l0q< td=""></l0q<>
Aldicarb	2.6000E-2	30	100	<loq kresoxim="" methyl<="" td=""><td>4.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	4.2000E-2	30	100	<loq< td=""></loq<>
Azoxystrobin	8.1000E-2	10	100	<loq malathion<="" td=""><td>8.2000E-2</td><td>30</td><td>200</td><td><loq< td=""></loq<></td></loq>	8.2000E-2	30	200	<loq< td=""></loq<>
Bifenazate	1.4150E+0	30	100	<loq metalaxyl<="" td=""><td>8.1000E-2</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></loq>	8.1000E-2	10	100	<loq< td=""></loq<>
Bifenthrin	4.3000E-2	30	200	<loq methiocarb<="" td=""><td>3.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	3.2000E-2	30	100	<loq< td=""></loq<>
Boscalid	5.5000E-2	10	100	<loq methomyl<="" td=""><td>2.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	2.2000E-2	30	100	<loq< td=""></loq<>
Captan	6.1200E+0	30	700	<loq methyl-parathion<="" td=""><td>1.7100E+0</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></loq>	1.7100E+0	10	100	<loq< td=""></loq<>
Carbaryl	2.2000E-2	10	500	<loq mevinphos<="" td=""><td>2.1500E+0</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></loq>	2.1500E+0	10	100	<loq< td=""></loq<>
Carbofuran	3.4000E-2	10	100	<loq mgk-264<="" td=""><td>5.8500E-1</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></loq>	5.8500E-1	10	100	<loq< td=""></loq<>
Chlorantraniliprole	3.3000E-2	10	1000	<loq myclobutanil<="" td=""><td>1.0290E+0</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	1.0290E+0	30	100	<loq< td=""></loq<>
Chlordane	1.0000E+1	10	100	<loq naled<="" td=""><td>9.5000E-2</td><td>30</td><td>250</td><td><loq< td=""></loq<></td></loq>	9.5000E-2	30	250	<loq< td=""></loq<>
Chlorfenapyr	3.4000E-2	30	100	<loq oxamyl<="" td=""><td>2.5000E-2</td><td>30</td><td>500</td><td><l0q< td=""></l0q<></td></loq>	2.5000E-2	30	500	<l0q< td=""></l0q<>
Chlormequat Chloride	1.0800E-1	10	1000	<loq paclobutrazol<="" td=""><td>6.5000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	6.5000E-2	30	100	<loq< td=""></loq<>
Chlorpyrifos	3.5000E-2	30	100	<loq pentachloronitrobenzene<="" td=""><td>1.3200E+0</td><td>10</td><td>150</td><td><l0q< td=""></l0q<></td></loq>	1.3200E+0	10	150	<l0q< td=""></l0q<>
Clofentezine	1.1900E-1	30	200	<loq permethrin<="" td=""><td>3.4300E-1</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	3.4300E-1	30	100	<loq< td=""></loq<>
Coumaphos	3.7700E+0	48	100	<loq phosmet<="" td=""><td>8.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	8.2000E-2	30	100	<loq< td=""></loq<>
Cyfluthrin	3.1100E+0	30	500	<loq piperonylbutoxide<="" td=""><td>2.9000E-2</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></loq>	2.9000E-2	30	3000	<loq< td=""></loq<>
Cypermethrin	1.4490E+0	30	500	<loq prallethrin<="" td=""><td>7.9800E-1</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	7.9800E-1	30	100	<loq< td=""></loq<>
Daminozide	8.8500E-1	30	100	<loq propiconazole<="" td=""><td>7.0000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	7.0000E-2	30	100	<loq< td=""></loq<>
Diazinon	4.4000E-2	30	100	<loq propoxur<="" td=""><td>4.6000E-2</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loq>	4.6000E-2	30	100	<l00< td=""></l00<>
Dichlorvos	2.1820E+0	30	100	<loq pyrethrins<="" td=""><td>2.3593E+1</td><td>30</td><td>500</td><td><l00< td=""></l00<></td></loq>	2.3593E+1	30	500	<l00< td=""></l00<>
Dimethoate	2.1000E-2	30	100	<loq pyridaben<="" td=""><td>3.2000E-2</td><td>30</td><td>200</td><td><l00< td=""></l00<></td></loq>	3.2000E-2	30	200	<l00< td=""></l00<>
Dimethomorph	5.8300E+0	48	200	<loq spinetoram<="" td=""><td>8.0000E-2</td><td>10</td><td>200</td><td><l00< td=""></l00<></td></loq>	8.0000E-2	10	200	<l00< td=""></l00<>
Ethoprophos	3.6000E-1	30	100	<loo spinosad<="" td=""><td>8.8000E-2</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loo>	8.8000E-2	30	100	<l00< td=""></l00<>
Etofenprox	1.1600E-1	30	100	<loq spiromesifen<="" td=""><td>2.6100E-1</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loq>	2.6100E-1	30	100	<l00< td=""></l00<>
Etoxazole	9.5000E-2	30	100	<loq spirotetramat<="" td=""><td>8.9000E-2</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loq>	8.9000E-2	30	100	<l00< td=""></l00<>
Fenhexamid	5.1000E-1	10	100	<loq spiroxamine<="" td=""><td>1.3100E-1</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq>	1.3100E-1	30	100	<l0q< td=""></l0q<>
Fenoxycarb	1.0700E-1	30	100	<loq td="" tebuconazole<=""><td>6.7000E-2</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loq>	6.7000E-2	30	100	<l00< td=""></l00<>
Fenpyroximate	1.3800E-1	30	100	<loo td="" thiacloprid<=""><td>6.4000E-2</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loo>	6.4000E-2	30	100	<l00< td=""></l00<>
Fipronil	1.0700E-1	30	100	<loq td="" thiadelopiid<=""><td>5.0000E-2</td><td>30</td><td>500</td><td><l0q< td=""></l0q<></td></loq>	5.0000E-2	30	500	<l0q< td=""></l0q<>
Flonicamid	5.1700E-1	30	100	<loq td="" trifloxystrobin<=""><td>3.7000E-2</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loq>	3.7000E-2	30	100	<l00< td=""></l00<>
Tiomodifiid	3.1700L 1	30	100	-Eog Timoxyottobili	3.7000L Z	30	100	-200

lizai = 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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