

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Organic Full Spectrum CBD Tincture - Tropical  
**PRODUCT STRENGTH:** 1350mg  
**TINCTURE BATCH:** 251114A  
**BEST BY DATE:** 11/14/2027  
**HEMP EXTRACT LOT:** FS Extract: EV24.OFXD.219 and EV24.OFXD.226

### Physical Attributes

Test	Method	Specification	Results
Color	Internal	Golden to Amber	PASS
Odor	Internal	Characteristic - Coconut and Hemp, Tropical	PASS
Appearance	Internal	Golden to Amber oil in brown glass bottle with dropper.	PASS
Primary Package Eval.	Internal	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	Internal	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

### Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
<b>Potency - Total CBD</b>	HPLC-UV DAD	LOQ**: ≥ product strength mg / bottle	<b>1757mg</b>	PASS
<b>Potency - D9-THC</b>	HPLC-UV DAD	LOQ: <0.3% total THC (Full spectrum)	<b>61mg 0.2%</b>	PASS
<b>Expanded Pesticide Panel</b>	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	<b>Below LOQ</b>	PASS
<b>Microbial</b> Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram***	<b>Absent</b>	PASS
<b>Microbial</b> Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	<b>Absent</b>	PASS
<b>Microbial</b> Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram	<b>Below LOQ</b>	PASS
<b>Microbial</b> Total Coliforms	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram	<b>Below LOQ</b>	PASS
<b>Microbial</b> Total Aerobic Count	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>3</sup> CFU/gram	<b>Below LOQ</b>	PASS
<b>Heavy Metals</b>	ICP-MS	Arsenic (As): ≤1.5 ppm† Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	<b>Below LOQ</b>	PASS
<b>Mycotoxins</b>	ICP-MS	Total Aflatoxins <20 ppb†† Aflatoxin B1 < 5 ppb Ochratoxin < 5 ppb	<b>Below LOQ</b>	PASS
<b>Residual Solvents</b>	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	<b>Below LOQ</b>	PASS

\*Only applies to products with labels claiming certified organic

\*\*Level of Quantification

\*\*\*Colony Forming Units per Gram

† Parts Per Million †† Part Per Billion

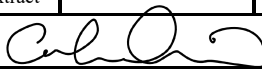
Values expressed in scientific notation.

Examples:

10<sup>2</sup>=100

10<sup>3</sup>=1,000

Quality Certified

  
 Name

11/26/2025

Date




## 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: 61.920 mg/unit**

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 1757.400 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 1985.070 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

**TOTAL CBG: 110.460 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.990 mg/unit**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 39.030 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 5.850 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

**CANNABINOID TEST RESULTS - 10/10/2025**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±2.1850	58.580	5.8580
CBG	0.002 / 0.006	±0.1786	3.682	0.3682
$\Delta^9$ -THC	0.002 / 0.014	±0.1133	2.064	0.2064
CBC	0.003 / 0.010	±0.0419	1.301	0.1301
CBDV	0.002 / 0.012	±0.0080	0.195	0.0195
CBL	0.003 / 0.010	±0.0061	0.165	0.0165
CBN	0.001 / 0.007	±0.0043	0.149	0.0149
THCV	0.002 / 0.012	±0.0016	0.033	0.0033
THCVa	0.002 / 0.019	N/A	<LOQ	<LOQ
CBDA	0.001 / 0.026	N/A	<LOQ	<LOQ
$\Delta^8$ -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
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
<b>SUM OF CANNABINOIDS</b>			<b>66.169 mg/g</b>	<b>6.6169%</b>

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

$\Delta^9$ -THC per Unit	61.920 mg/unit
$\Delta^9$ -THC per Serving	2.064 mg/serving
Total THC per Unit	61.920 mg/unit
Total THC per Serving	2.064 mg/serving
CBD per Unit	1757.400 mg/unit
CBD per Serving	58.580 mg/serving
Total CBD per Unit	1757.400 mg/unit
Total CBD per Serving	58.580 mg/serving
Sum of Cannabinoids per Unit	1985.070 mg/unit
Sum of Cannabinoids per Serving	66.169 mg/serving
Total Cannabinoids per Unit	1985.070 mg/unit
Total Cannabinoids per Serving	66.169 mg/serving

**NOTES**

Sample serving mass provided by client. Sample unit mass provided by client.



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 www.acslabcannabis.com  
 DEA No. RA0571996  
 FL License # CMTL-0003  
 CLIA No. 10D1094068

**Certificate of Analysis**  
 Compliance Test

Order # EVG240402-020001 Batch#:251114A  
 BatchDate:7/15/2025  
 Extracted From: hemp

Test Reg State: Colorado

Initial Gross Weight: 11.196 g



**Pesticides - CO** **Passed**  
 Specimen Weight: 617.500 mg SOP14.003 (LCMS/GCMS)

Dilution Factor: 2.430

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Abamectin	3.1800E-4	100	100	<LOQ	Dodemorph	6.4700E-12	50	50	<LOQ	Naled	5.8500E-6	100	100	<LOQ
Acephate	3.9632E-2	20	20	<LOQ	Endosulfan sulfate	8.8376E-1	2500	2500	<LOQ	Novaluron	2.0500E-4	25	25	<LOQ
Acequinocyl	5.7646E-2	30	30	<LOQ	Endosulfan-alpha	1.2220E+1	2500	2500	<LOQ	Oxamyl	1.6190E-3	1500	1500	<LOQ
Acetamiprid	3.3800E-10	50	50	<LOQ	Endosulfan-beta	2.2760E+1	2500	2500	<LOQ	Paclobutrazol	6.9300E-8	10	10	<LOQ
Aldicarb	2.2744E-2	1000	1000	<LOQ	Ethoprophos	1.5900E-5	10	10	<LOQ	Pentachloronitrobenzen (Quintozene)	4.3900E+0	20	20	<LOQ
Allethrin	4.7244E-1	200	200	<LOQ	Etofenprox	8.3050E-3	50	50	<LOQ	Permethrin	2.2089E-2	50	50	<LOQ
Atrazine	3.7992E-1	25	25	<LOQ	Etoxazole	8.3558E-1	20	20	<LOQ	Phenothrin	2.1200E-7	50	50	<LOQ
Azadirachtin	3.0710E-3	1000	1000	<LOQ	Etridiazole	4.0200E+0	150	150	<LOQ	Phosmet	9.6150E-3	20	20	<LOQ
Azoxystrobin	1.3247E-2	20	20	<LOQ	Fenhexamid	1.0947E+0	125	125	<LOQ	Piperonylbutoxide	1.3400E-7	1250	1250	<LOQ
Benzovindiflupyr	1.2567E-2	20	20	<LOQ	Fenoxycarb	3.4507E-1	10	10	<LOQ	Pirimicarb	5.6600E-5	10	10	<LOQ
Bifenazate	2.1700E-8	20	20	<LOQ	Fenpyroximate	4.4800E-7	20	20	<LOQ	Prallethrin	1.6732E-1	50	50	<LOQ
Bifenthrin	8.4200E-4	1000	1000	<LOQ	Fensulfothion	7.9400E-4	10	10	<LOQ	Propiconazole	2.1300E-14	100	100	<LOQ
Boscalid	4.3300E-6	10	10	<LOQ	Fenthion	4.9113E+0	10	10	<LOQ	Propoxur	3.5081E-1	10	10	<LOQ
Buprofezin	1.6600E-9	20	20	<LOQ	Fenvalerate	5.9775E-1	100	100	<LOQ	Pyaclostrobin	5.3100E-7	10	10	<LOQ
Carbaryl	1.3800E-5	25	25	<LOQ	Fipronil	2.8847E-2	10	10	<LOQ	Pyrethrins	6.2350E-3	50	50	<LOQ
Carbofuran	7.7600E-5	10	10	<LOQ	Fonicamid	6.9733E-2	25	25	<LOQ	Pyridaben	8.7500E-15	20	20	<LOQ
Chlorantraniliprole	1.3559E-1	20	20	<LOQ	Fludioxonil	1.3402E-2	10	10	<LOQ	Pyriproxyfen	9.5800E-5	10	10	<LOQ
Chlorfenapyr	1.5370E+1	1500	1500	<LOQ	Flopyram	1.1200E-9	10	10	<LOQ	Resmethrin	6.8013E-2	50	50	<LOQ
Chlorpyrifos	9.0900E-5	500	500	<LOQ	Hexythiazox	6.1900E-5	10	10	<LOQ	Spinetoram	2.3645E-2	10	10	<LOQ
Clofentazine	3.7100E-7	10	10	<LOQ	Imazalil	2.9500E-4	10	10	<LOQ	Spinosad	5.9903E-1	10	10	<LOQ
Clothianidin	3.9900E-4	25	25	<LOQ	Imidacloprid	1.5300E-4	10	10	<LOQ	Spirodiclofen	3.7377E+6	250	250	<LOQ
Coumaphos	9.8600E-5	10	10	<LOQ	Iprodione	1.0554E-1	500	500	<LOQ	Spiromesifen	3.2183E-1	3000	3000	<LOQ
Cyantraniliprole	6.0040E-3	10	10	<LOQ	Kinoprene	3.4000E+0	500	1250	<LOQ	Spirotetramat	4.2760E-2	10	10	<LOQ
Cyfluthrin	2.8130E+1	200	200	<LOQ	Kresoxim Methyl	1.4500E-4	150	150	<LOQ	Spiroxamine	1.2172E+0	100	100	<LOQ
Cypermethrin	1.1900E-6	300	300	<LOQ	Lambda Cyhalothrin	1.1686E-1	250	250	<LOQ	Tebuconazole	1.4800E-14	10	10	<LOQ
Cyprodinil	1.1410E-3	10	10	<LOQ	Malathion	1.3300E-4	10	10	<LOQ	Tebufenozide	1.8121E-2	10	10	<LOQ
Daminozide	3.0408E-1	100	100	<LOQ	Metaxyl	4.8600E-5	10	10	<LOQ	Teflubenzuron	1.6620E-2	25	25	<LOQ
Deltamethrin	4.9284E-1	500	500	<LOQ	Methiocarb	2.2810E-3	10	10	<LOQ	Tetrachlorvinphos	8.3913E-1	10	10	<LOQ
Diazinon	3.9100E-10	20	20	<LOQ	Methomyl	1.1500E-6	25	25	<LOQ	Tetramethrin	9.9200E-5	100	100	<LOQ
Dichlorvos	1.1406E+0	50	50	<LOQ	Methoprene	1.1485E+0	2000	2000	<LOQ	Thiabendazole	1.2510E-3	20	20	<LOQ
Dimethoate	2.8400E-6	10	10	<LOQ	methyl-Parathion	4.2400E+0	9.6	9.6	<LOQ	Thiacloprid	1.1200E-5	10	10	<LOQ
Dimethomorph	1.5700E-4	50	50	<LOQ	Mevinphos	4.4200E-5	25	25	<LOQ	Thiamethoxam	2.2500E-6	10	10	<LOQ
Dinotefuran	2.3697E-1	50	50	<LOQ	MGK-264	2.5880E-3	50	50	<LOQ	Thiophanate-methyl	2.2300E-4	50	50	<LOQ
Diuron	6.8620E-3	125	125	<LOQ	Myoclobutanol	7.0006E-1	10	10	<LOQ	Trifloxystrobin	2.1700E-13	10	10	<LOQ

Aixia Sun Lab Director/Principal Scientist  
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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 9 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta9-THCP + Delta9-THCR, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta9a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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 CFR 1010.21, Failed - Analyte/microbe is at the level that equal or above the action limit per CO rule 6 CFR 1010.21 Sample not received via laboratory sampling.  
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**Organic Tincture- Tropical 1350mg CBD**


Batch ID or Lot Number: **251114A**      Test: **Residual Solvents**


Matrix: N/A      Test ID: T000275442      USDA License: N/A

Status: Active      Methods: TM04 (GC-MS): Residual Solvents      Sampler ID: N/A

**RESIDUAL SOLVENTS DETERMINATION**

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Propane</b>	100 - 1991	*ND	
<b>Butanes</b> (Isobutane, n-Butane)	174 - 3474	*ND	
<b>Methanol</b>	63 - 1251	*ND	
<b>Pentane</b>	81 - 1621	*ND	
<b>Ethanol</b>	92 - 1837	*ND	
<b>Acetone</b>	99 - 1979	*ND	
<b>Isopropyl Alcohol</b>	103 - 2053	*ND	
<b>Hexane</b>	6 - 121	*ND	
<b>Ethyl Acetate</b>	100 - 2005	*ND	
<b>Benzene</b>	0.2 - 4.1	*ND	
<b>Heptanes</b>	92 - 1845	*ND	
<b>Toluene</b>	18 - 361	*ND	
<b>Xylenes</b> (m,p,o-Xylenes)	128 - 2561	*ND	

 Karen Winternheimer

 Philip Travisano

PREPARED BY / DATE

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**Definitions**

\* ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



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**Organic Tincture- Tropical 1350mg CBD**


Batch ID or Lot Number: **251114A**      Test: **Mycotoxins**

Matrix: Concentrate      Test ID: t000275443      USDA License: N/A


Status: Active      Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins      Sampler ID: N/A

**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.4 - 133.8	ND	N/A
Aflatoxin B1	0.9 - 33.8	ND	
Aflatoxin B2	1 - 33.7	ND	
Aflatoxin G1	1 - 33.4	ND	
Aflatoxin G2	0.9 - 33.9	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	

 Karen Winternheimer

PREPARED BY / DATE

 Philip Travisano

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**Definitions**

ND = None Detected (Defined by Dynamic Range of the method)

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**Organic Tincture- Tropical 1350mg CBD**


 Batch ID or Lot Number: **251114A**      Test: **Metals**


Matrix: Concentrate      Test ID: T000275441      USDA License: N/A

Status: Active      Method: TM19 (ICP-MS): Heavy Metals      Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.64	ND	
Cadmium	0.044 - 4.40	ND	
Mercury	0.044 - 4.42	ND	
Lead	0.044 - 4.38	ND	


 Philip Travisano


 Colin Hendrickson

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**Definitions**

ND = None Detected (Defined by Dynamic Range of the method)

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### 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™ Petrifilm™ and plate counts of microbiological contaminants.

**Method:** QSP 6794 - Plating with 3M™ Petrifilm™

#### MICROBIOLOGY TEST RESULTS (PCR) - 11/24/2025 ✔ PASS

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

#### MICROBIOLOGY TEST RESULTS (PLATING) - 11/24/2025 ✔ PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Coliforms	100	ND	PASS
Total Aerobic Bacteria	10000	ND	PASS
Total Yeast and Mold	1000	ND	PASS

