

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Organic CBD Salve  
**PRODUCT STRENGTH:** 1000mg / jar  
**BATCH:** 231205C  
**BEST BY DATE:** 12/5/2025

### Physical Attributes

Test	Method	Specification	Results
Color	Joy Internal	Light off white to yellow opaque, hint of green	PASS
Odor	Joy Internal	Lavender, eucalyptus, hint of beeswax and coconut	PASS
Appearance	Joy Internal	Firm, semi-waxy salve in container with screw lid	PASS
Primary Package Eval.	Joy Internal	Container clean and free of filth. Container caps tight and pressure seal is intact	PASS
Secondary Package Eval.	Joy 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**: $\geq 1000$ mg / jar	<b>1207mg</b>	PASS
<b>Potency - D9-THC</b>	HPLC-UV DAD	LOQ: $<0.01\%$ THC (Broad Spectrum)	<b>Below LOQ</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	<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 $10^2$ CFU/gram	<b>Below LOQ</b>	PASS
<b>Microbial</b> Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ $10^2$ CFU/gram	<b>Below LOQ</b>	PASS
<b>Microbial</b> Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ $10^3$ CFU/gram	<b>Below LOQ</b>	PASS
<b>Heavy Metals</b>	ICP-MS	Arsenic (As): $\leq 1.5$ ppm† Cadmium (Cd): $\leq 0.5$ ppm Lead (Pb): $\leq 0.5$ ppm Mercury (Hg): $\leq 1.5$ ppm	<b>Below LOQ</b>	PASS
<b>Mycotoxins</b>	ICP-MS	Total Aflatoxins $<20$ ppb†† Afltoxin 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

\*Level of Quantification  
 \*\*Colony Forming Units per Gram  
 † Parts Per Million †† Part Per Billion

Values expressed in scientific notation.  
 Examples:  
 $10^2=100$   
 $10^3=1,000$

Quality Certified  12/21/2023  
 Name \_\_\_\_\_ Date \_\_\_\_\_

## 1000mg Lavender Eucalyptus Salve

Batch ID or Lot Number: 231205C	Test: <b>Potency</b>	Reported: <b>14Dec2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000264354	Started: 13Dec2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 08Dec2023	Status: Active

### Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.005	0.017	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.015	ND	ND	
Cannabidiol (CBD)	0.014	0.042	2.157	21.57	
Cannabidiolic Acid (CBDA)	0.015	0.043	ND	ND	
Cannabidivarin (CBDV)	0.003	0.010	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.006	0.018	ND	ND	
Cannabigerol (CBG)	0.003	0.009	0.117	1.17	
Cannabigerolic Acid (CBGA)	0.012	0.039	ND	ND	
Cannabinol (CBN)	0.004	0.012	ND	ND	
Cannabinolic Acid (CBNA)	0.008	0.027	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.014	0.047	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.013	0.042	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.011	0.038	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.009	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.010	0.033	ND	ND	
<b>Total Cannabinoids</b>			<b>2.274</b>	<b>22.74</b>	
Total Potential THC			ND	ND	
Total Potential CBD			2.157	21.57	

### Final Approval



Karen Winternheimer  
14Dec2023  
03:09:00 PM MST

PREPARED BY / DATE



Sam Smith  
14Dec2023  
03:10:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1cda96ed-7354-4e01-9f8d-2423c15ffd3f>

#### 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

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Sun City Center, FL 33573  
www.acslabcannabis.com  
DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

**Certificate of Analysis**  
Compliance Test

Batch # 230512C

Test Reg State: Colorado

Order # ICA231117-010001  
Order Date: 2023-11-17  
Sample # AAFB188

Batch Date: 2023-11-17  
Extracted From: NA

Sampling Date: 2023-11-21  
Lab Batch Date: 2023-11-21  
Completion Date: 2023-11-28

Initial Gross Weight: 94.287 g

**Pesticides - CO**  
Specimen Weight: 593.200 mg

**Passed**  
SOP14.003 (LCMS/GCMS)

Dilution Factor: 2.530

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	Pyraclostrobin	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	Flonicamid	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	Fluopyram	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
Clofentezine	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	Metalaxyl	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	Myclobutanil	7.0006E-1	10	10	<LOQ	Trifloxystrobin	2.1700E-13	10	10	<LOQ

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

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

**Certificate of Analysis**  
Compliance Test

Order # ICA231117-010001      Batch # 230512C      Test Reg State: Colorado  
Order Date: 2023-11-17      Batch Date: 2023-11-17  
Sample # AAFB188      Extracted From: NA  
Sampling Date: 2023-11-21      Initial Gross Weight: 94.287 g  
Lab Batch Date: 2023-11-21  
Completion Date: 2023-11-28

**Mycotoxins - CO**      **Passed**  
Specimen Weight: 593.200 mg      SOP14.003(LCMS)

Dilution Factor: 2.530

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Aflatoxin B1	3.7250E-1	2.5	5	<LOQ	Ochratoxin A	1.8997E-1	3.5	5	<LOQ
Aflatoxin Total		2.5	20	<LOQ					

**Heavy Metals - CO**      **Passed**  
Specimen Weight: 247.700 mg      SOP13.048(ICP-MS)

Dilution Factor: 201.857

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	0.58	100	500	<LOQ
Cadmium (Cd)	0.64	100	500	<LOQ	Mercury (Hg)	11.76	100	1500	<LOQ

**Residual Solvents - CO**      **Passed**  
Specimen Weight: 311.200 mg      SOP13.039(GCMS)

Dilution Factor: 5000.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Limit (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Limit (ppm)	Result (ppm)
Acetone	0.015	2.08	1000	<LOQ	Isopropyl alcohol	0.0048	1.39	1000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methanol	0.0005	0.69	600	<LOQ
Butanes	0.4167	2.5	1000	<LOQ	Pentane	0.037	2.08	1000	<LOQ
Ethanol	0.0021	2.78	1000	<LOQ	Propane	0.031	5.83	1000	<LOQ
Ethyl Acetate	0.0012	1.11	1000	<LOQ	Toluene	0.0009	2.92	180	<LOQ
Heptane	0.0013	1.39	1000	<LOQ	Total Xylenes	0.0001	2.92	430	<LOQ
Hexane	0.068	1.17	60	<LOQ					

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

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## OS1OZ1000

Batch ID or Lot Number: <b>231205C</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>14Dec2023</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000264352	Started: 11Dec2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 08Dec2023	Status: Active

## Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

## Final Approval



Brett Hudson  
14Dec2023  
10:20:00 AM MST



Eden Thompson-Wright  
14Dec2023  
10:24:00 AM MST



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/2f9b8eef-367a-4fba-aa16-216fb256cde6>

### 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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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

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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