

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Organic CBD Salve
PRODUCT STRENGTH: 2000mg / jar
BATCH: 260219B
BEST BY DATE: 2/19/2029
HEMP EXTRACT LOT: O-1223-0710-FT-BSD

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
Potency - Total CBD	HPLC-UV DAD	LOQ**: ≥ 1000 mg / jar	2393mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: $<0.01\%$ THC (Broad Spectrum)	Below LOQ	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS
Microbial Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 **CFU/25 gram	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^3 CFU/gram	Below LOQ	PASS
Heavy Metals	ICP-MS	Arsenic (As): ≤ 1.5 ppm† Cadmium (Cd): ≤ 0.5 ppm Lead (Pb): ≤ 0.5 ppm Mercury (Hg): ≤ 1.5 ppm	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb†† Aflatoxin B1 < 5 ppb Ochratoxin < 5 ppb	Below LOQ	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	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


 Name

3/17/2026

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: **Not Detected**

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **2393.340 mg/unit**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **2546.100 mg/unit**

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

TOTAL CBG: **152.760 mg/unit**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **ND**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **ND**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/25/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.080 / 0.220	±1.4879	39.889	3.9889
CBG	0.040 / 0.120	±0.1235	2.546	0.2546
Δ^9 -THC	0.040 / 0.280	N/A	ND	ND
Δ^8 -THC	0.20 / 0.40	N/A	ND	ND
THCa	0.020 / 0.100	N/A	ND	ND
THCV	0.040 / 0.240	N/A	ND	ND
THCVa	0.040 / 0.380	N/A	ND	ND
CBDA	0.020 / 0.520	N/A	ND	ND
CBDV	0.040 / 0.240	N/A	ND	ND
CBDVa	0.020 / 0.360	N/A	ND	ND
CBGa	0.040 / 0.140	N/A	ND	ND
CBL	0.060 / 0.200	N/A	ND	ND
CBN	0.020 / 0.140	N/A	ND	ND
CBC	0.060 / 0.200	N/A	ND	ND
CBCa	0.020 / 0.300	N/A	ND	ND
SUM OF CANNABINOIDS			42.435 mg/g	4.2435%

Unit Mass: 60 grams per Unit

Δ^9 -THC per Unit	ND
Total THC per Unit	ND
CBD per Unit	2393.340 mg/unit
Total CBD per Unit	2393.340 mg/unit
Sum of Cannabinoids per Unit	2546.100 mg/unit
Total Cannabinoids per Unit	2546.100 mg/unit



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

MICROBIOLOGY TEST RESULTS (PCR) - 02/26/2026 PASS

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



 Microbiology Analysis *Continued*

MICROBIOLOGY TEST RESULTS (PLATING) - 02/26/2026 **PASS**

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

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

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

NOTES
Sample unit mass provided by client.



Organic Lavender Salve - 2000mg 2-oz

Batch ID or Lot Number: 260219C	Test, Test ID and Methods: Various	Matrix: Topical
Reported: 14Jul2025	Started: 11Jul2025	Received: 11Jul2025

Pesticides

Test ID: T000308133

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	310 - 2597	ND
Acephate	39 - 2711	ND
Acetamiprid	43 - 2732	ND
Azoxystrobin	52 - 2742	ND
Bifenazate	50 - 2752	ND
Boscalid	50 - 2782	ND
Carbaryl	48 - 2754	ND
Carbofuran	51 - 2724	ND
Chlorantraniliprole	51 - 2673	ND
Chlorpyrifos	54 - 2818	ND
Clofentezine	294 - 2779	ND
Diazinon	296 - 2725	ND
Dichlorvos	261 - 2716	ND
Dimethoate	48 - 2752	ND
E-Fenpyroximate	232 - 2822	ND
Etofenprox	47 - 2803	ND
Etoxazole	280 - 2786	ND
Fenoxycarb	44 - 2739	ND
Fipronil	49 - 2721	ND
Flonicamid	54 - 2780	ND
Fludioxonil	281 - 2833	ND
Hexythiazox	46 - 2797	ND
Imazalil	281 - 2752	ND
Imidacloprid	47 - 2808	ND
Kresoxim-methyl	48 - 2748	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	295 - 2737	ND
Metalaxyl	54 - 2727	ND
Methiocarb	48 - 2738	ND
Methomyl	45 - 2772	ND
MGK 264 1	168 - 1724	ND
MGK 264 2	125 - 1085	ND
Myclobutanil	49 - 2738	ND
Naled	58 - 2754	ND
Oxamyl	43 - 2739	ND
Paclobutrazol	51 - 2698	ND
Permethrin	265 - 2801	ND
Phosmet	52 - 2743	ND
Prophos	286 - 2727	ND
Propoxur	51 - 2751	ND
Pyridaben	280 - 2781	ND
Spinosad A	34 - 2029	ND
Spinosad D	69 - 732	ND
Spiromesifen	258 - 2788	ND
Spirotetramat	288 - 2748	ND
Spiroxamine 1	22 - 1224	ND
Spiroxamine 2	28 - 1503	ND
Tebuconazole	315 - 2686	ND
Thiacloprid	46 - 2748	ND
Thiamethoxam	48 - 2750	ND
Trifloxystrobin	52 - 2734	ND

Final Approval



Judith Marquez
24Jul2025
08:10:00 AM MDT

PREPARED BY / DATE



Sam Smith
24Jul2025
08:13:00 AM MDT

APPROVED BY / DATE

Organic Lavender Salve - 2000mg 2-oz

Batch ID or Lot Number: 260219C	Test, Test ID and Methods: Various	Matrix: Topical
Reported: 14Jul2025	Started: 11Jul2025	Received: 11Jul2025

Residual Solvents

Test ID: T000308136

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	80 - 1595	ND	
Butanes (Isobutane, n-Butane)	155 - 3104	ND	
Methanol	63 - 1266	ND	
Pentane	84 - 1684	ND	
Ethanol	83 - 1656	ND	
Acetone	97 - 1947	ND	
Isopropyl Alcohol	103 - 2060	ND	
Hexane	6 - 121	ND	
Ethyl Acetate	100 - 1995	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	93 - 1850	ND	
Toluene	18 - 358	ND	
Xylenes (m,p,o-Xylenes)	130 - 2593	ND	

Final Approval


Judith Marquez
14Jul2025
03:29:00 PM MDT
PREPARED BY / DATE


Sam Smith
14Jul2025
03:31:00 PM MDT
APPROVED BY / DATE

Organic Lavender Salve - 2000mg 2-oz

Batch ID or Lot Number: 260219C	Test, Test ID and Methods: Various	Matrix: Topical
Reported: 14Jul2025	Started: 11Jul2025	Received: 11Jul2025

Mycotoxins - Colorado Compliance

Test ID: T000308137

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.12 - 129.92	ND	N/A
Aflatoxin B1	0.29 - 32.61	ND	
Aflatoxin B2	0.32 - 32.45	ND	
Aflatoxin G1	0.35 - 32.19	ND	
Aflatoxin G2	0.42 - 32.74	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Judith Marquez
18Jul2025
11:27:00 AM MDT

PREPARED BY / DATE



Sam Smith
18Jul2025
11:30:00 AM MDT

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000308135

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.16 - 15.93	ND	
Cadmium	0.04 - 4.33	ND	
Mercury	0.04 - 4.34	ND	
Lead	0.24 - 23.88	ND	

Final Approval



Judith Marquez
21Jul2025
02:06:00 PM MDT

PREPARED BY / DATE



Sam Smith
21Jul2025
02:23:00 PM MDT

APPROVED BY / DATE