

CERTIFICATE OF ANALYSIS

#### prepared for: CWB HOLDINGS, INC 700 TECH CT. LOUISVILLE, CO 80027

ACCREDITED

Certificate #4329.03

4 Jula

#### Relief Cream 2.5oz

Batch ID:	2303-73-1	Test ID:	T000240534
Matrix:	Finished Product	Received:	04/05/2023 @ 09:58 AM
Test:	Microbial Contaminants	Started:	4/5/2023
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	4/19/2023

## MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
otal Yeast and Mold*	TM-24 Culture Plating	10^1 CFU/g	2.0x10^2 - 3.0x10^4 CFU/g	None Detected
otal Aerobic Count*	TM-26 Culture Plating	10^2 CFU/g	2.0x10^3 - 3.0x10^5 CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	2.0x10^2 - 3.0x10^4 CFU/g	None Detected
STEC	TM-25 PCR	10^0 CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10^0 CFU/g	N/A	Absent

\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently

accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of

written in decimal form. Examples: 10^2

10^2 = 100 CFU 10^3 = 1,000 CFU 10^4 = 10,000 CFU 10^5 = 100,000 CFU

#### NOTES:

Free from visual mold, mildew, and foreign matter

SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

#### **DEFINITIONS:**

*CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation* 

#### **FINAL** APPROVAL



SC Laboratories, Inc. | 1801 S. Jason St., Unit J, Denver, CO 80223 | 888.800.8223 | sclabs.com



**Relief Cream** 

## Official Compliance: Colorado CERTIFICATE OF ANALYSIS

Prepared for:

Karen Winternheimer

28-Mar-23

8:56 AM

### **CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>P2303-000000054</b>	Test: <b>Potency</b>	Reported: <b>3/28/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Concentrate	Test ID: T000239636	Started: 3/27/23	USDA License: N/A
Status: Active	<b>Method:</b> TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 03/24/2023 @ 11:24 AM	Sampler ID: N/A

### **CANNABINOID PROFILE**

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Netos
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.008	ND	ND	Notes
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.032	0.32	Total THC is 8.96mg per 28g
Cannabidiolic acid (CBDA)	0.020	0.054	ND	ND	container.
Cannabidiol (CBD)	0.019	0.053	1.312	13.12	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.019	0.056	ND	ND	Total TILC is 22 72mg par 71g
Cannabinolic Acid (CBNA)	0.011	0.032	ND	ND	Total THC is 22.72mg per 71g
Cannabinol (CBN)	0.005	0.015	<loq< td=""><td><loq< td=""><td>container.</td></loq<></td></loq<>	<loq< td=""><td>container.</td></loq<>	container.
Cannabigerolic acid (CBGA)	0.016	0.047	ND	ND	
Cannabigerol (CBG)	0.004	0.011	0.019	0.19	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.040	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.023	ND	ND	
Cannabidivarin (CBDV)	0.005	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabichromene (CBC)	0.007	0.020	0.058	0.58	
Total Cannabinoids			1.421	14.21	
Total Potential THC**			0.032	0.32	
Total Potential CBD**			1.312	13.12	

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APPROVED BY / DATE

Samantha Small

PREPARED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during

Sam Smith

28-Mar-23

8:52 AM

decarboxylation step.

- Total THC = THC + (THCa \*(0.877)) and
- Total CBD = CBD + (CBDa \*(0.877)) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

CDPHE Certified

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





# Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

ample Name:	P2303-00000054	Eurofins Sample:	12767860	
roject ID	CHARLO_WEB-20230323-0069	Receipt Date	24-Mar-2023	
O Number	QC 325	Receipt Condition	Ambient tempera	ture
escription	Relief Cream	Login Date	23-Mar-2023	
		Date Started	26-Mar-2023	
		Sampled	Sample results ap	oply as received
		Number Composited		
		Online Order	901-2023-E01742	
Analysis				Result
Glyphosate and A	MPA			
Glyphosate				100 ng/g
AMPA			<	100 ng/g
Analysis		Limit	Result	Pass/Fai
	olvent Analysis in Cannabis and Hemp Ma	atrices		
	al Solvent or Processing Chemical			_
1,2-Dichloroethar	ne	1.0 ppm	<1.0 ppm	Pass
Benzene		1.0 ppm	<1.0 ppm	Pass
Chloroform		1.0 ppm	<1.0 ppm	Pass
Ethylene Oxide		25.0 ppm	<25.0 ppm	Pass
Methylene Chlori		1.0 ppm	<1.0 ppm	Pass
Trichloroethylene		1.0 ppm	<1.0 ppm	Pass
	1 ppm for Ethylene Oxide is not		-	
•	method. Reporting limit of 25			
CASP.	ecommended by the AOAC			
	ual Solvent or Processing Chemical			
Isopropal Alcohol	-	5000 ppm	<500 ppm	Pass
Acetone		5000 ppm	<222 ppm	Pass
Acetonitrile		410 ppm	<200 ppm	Pass
Ethanol		5000 ppm	<1000 ppm	Pass
Ethyl Acetate		5000 ppm	<554 ppm	Pass
Ethyl Ether		5000 ppm	<553 ppm	Pass
Methanol		3000 ppm	<500 ppm	Pass
Butane		5000 ppm	<500 ppm	Pass
Heptane		5000 ppm	<50.0 ppm	Pass
Hexane		290 ppm	<30.0 ppm	Pass
Pentane		5000 ppm	<25.0 ppm	Pass
Propane		5000 ppm	<1000 ppm	Pass
Toluene		890 ppm	<90.0 ppm	Pass
Xylenes (ortho-, r	meta-, para-)	2170 ppm	<160 ppm	Pass



# Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	P2303-00000054	Eurofins Sample	e: 12767860	
Project ID	CHARLO_WEB-20230323-0069	Receipt Date	24-Mar-2023	
PO Number	QC 325	Receipt Condition	Ambient temperatu	ire
Description	Relief Cream	Login Date	23-Mar-2023	
		Date Started	26-Mar-2023	
		Sampled	Sample results app	oly as received
		Number Composi		
		Online Order	901-2023-E017426	3
Analysis		Limit	Result	Pass/Fail
BCC - Residual So	Ivent Analysis in Cannabis and Hemp M	atrices		
The Pass/Fail rep	orting designations are relative		-	
	rth by the Bureau of Cannabis			
Control, Title 16, I				
Summed Group 1			<500 nnm	
Isobutane (2-Meth			<500 ppm	
Summed Group 2 ( 2,2,3-Trimethylbut			<50.0 ppm	
2,3-Dimethylpenta			<50.0 ppm	
2,4-Dimethylpenta			<50.0 ppm	
2-Methylhexane			<50.0 ppm	
3,3-Dimethylpenta	ane		<50.0 ppm	
3-Ethylpentane			<50.0 ppm	
3-Methylhexane			<50.0 ppm	
Summed Group 3	(Petroleum Ether)			
2,2-Dimethylbutar			<25.0 ppm	
2,3-Dimethylbutar	ne		<25.0 ppm	
2-Methylpentane			<25.0 ppm	
3-Methylpentane			<25.0 ppm	
Summed Group 4	(Xylenes)			
Xylenes-1 (Ethylb	enzene)		<40.0 ppm	
Multi-Residue Ana	lysis for hemp products - BCC Pesticide	List		
Abamectin		0.3 mg/kg	<0.30 mg/kg	Pass
Acephate		5 mg/kg	<0.10 mg/kg	Pass
Acequinocyl		4 mg/kg	<1.0 mg/kg	Pass
Acetamiprid		5 mg/kg	<0.10 mg/kg	Pass
Aldicarb		0.1 mg/kg	<0.10 mg/kg	Pass
Aldicarb sulfone (A	Aldoxycarb)	0.1 mg/kg	<0.10 mg/kg	Pass
Aldicarb sulfoxide		0.1 mg/kg	<0.10 mg/kg	Pass
Azoxystrobin		40 mg/kg	<0.10 mg/kg	Pass
Bifenazate		5 mg/kg	<0.10 mg/kg	Pass

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# Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	P2303-00000054	Eurofins Sample	e: 12767860	
Project ID	CHARLO_WEB-20230323-0069	Receipt Date	24-Mar-2023	
PO Number	QC 325	Receipt Condition	Ambient temperat	ure
Description	Relief Cream	Login Date	23-Mar-2023	
		Date Started	26-Mar-2023	
		Sampled	Sample results ap	ply as received
		Number Composi		_
		Online Order	901-2023-E01742	
Analysis		Limit	Result	Pass/Fail
Multi-Residue Ana	llysis for hemp products - BCC Pesticide			
Bifenthrin		0.5 mg/kg	<0.10 mg/kg	Pass
Boscalid		10 mg/kg	<0.10 mg/kg	Pass
Captan		5 mg/kg	<0.20 mg/kg	Pass
Carbaryl		0.5 mg/kg	<0.10 mg/kg	Pass
Carbofuran		0.1 mg/kg	<0.10 mg/kg	Pass
Carbofuran-3-hyd	-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorantraniliprole	e	40 mg/kg	<0.10 mg/kg	Pass
Chlordane, cis-		0.1 mg/kg	<0.10 mg/kg	Pass
Chlordane, trans-		0.1 mg/kg	<0.10 mg/kg	Pass
Chlorfenapyr		0.1 mg/kg	<0.10 mg/kg	Pass
Chlorpyrifos		0.1 mg/kg	<0.10 mg/kg	Pass
Clofentezine		0.5 mg/kg	<0.10 mg/kg	Pass
Coumaphos		0.1 mg/kg	<0.10 mg/kg	Pass
Cyfluthrin		1 mg/kg	<0.10 mg/kg	Pass
Cypermethrin		1 mg/kg	<0.10 mg/kg	Pass
Diazinon		0.2 mg/kg	<0.10 mg/kg	Pass
Dichlorvos		0.1 mg/kg	<0.10 mg/kg	Pass
Dimethoate		0.1 mg/kg	<0.10 mg/kg	Pass
Dimethomorph		20 mg/kg	<0.10 mg/kg	Pass
Ethoprophos		0.1 mg/kg	<0.10 mg/kg	Pass
Etofenprox		0.1 mg/kg	<0.10 mg/kg	Pass
Etoxazole		1.5 mg/kg	<0.10 mg/kg	Pass
Fenoxycarb		0.1 mg/kg	<0.10 mg/kg	Pass
Fenpyroximate		2 mg/kg	<0.10 mg/kg	Pass
Fipronil		0.1 mg/kg	<0.10 mg/kg	Pass
Fipronil desulfinyl		0.1 mg/kg	<0.10 mg/kg	Pass
Fipronil sulfone		0.1 mg/kg	<0.10 mg/kg	Pass
Flonicamid		2 mg/kg	<0.10 mg/kg	Pass
Fludioxonil		30 mg/kg	<0.10 mg/kg	Pass

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# Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	P2303-00000054	Eurofins Sample:	12767860	
Project ID	CHARLO_WEB-20230323-0069	Receipt Date	24-Mar-2023	
PO Number	QC 325	Receipt Condition	Ambient temperatur	e
Description	Relief Cream	Login Date	23-Mar-2023	
•		Date Started	26-Mar-2023	
		Sampled	Sample results appl	y as received
		Number Composite		
		Online Order	901-2023-E017426	
Analysis		Limit	Result	Pass/Fail
Multi-Residue Analy	sis for hemp products - BCC Pesticide	List		
Hexythiazox		2 mg/kg	<0.10 mg/kg	Pass
Imazalil		0.1 mg/kg	<0.10 mg/kg	Pass
Imidacloprid		3 mg/kg	<0.10 mg/kg	Pass
Kresoxim-methyl		1 mg/kg	<0.10 mg/kg	Pass
Malathion		5 mg/kg	<0.10 mg/kg	Pass
Metalaxyl		15 mg/kg	<0.10 mg/kg	Pass
Methiocarb		0.1 mg/kg	<0.10 mg/kg	Pass
Methiocarb sulfone		0.1 mg/kg	<0.10 mg/kg	Pass
Methiocarb sulfoxid	e	0.1 mg/kg	<0.10 mg/kg	Pass
Methomyl		0.1 mg/kg	<0.10 mg/kg	Pass
Mevinphos		0.1 mg/kg	<0.10 mg/kg	Pass
Myclobutanil		9 mg/kg	<0.10 mg/kg	Pass
Naled		0.5 mg/kg	<0.10 mg/kg	Pass
Oxamyl		0.2 mg/kg	<0.10 mg/kg	Pass
Paclobutrazol		0.1 mg/kg	<0.10 mg/kg	Pass
Methyl parathion		0.1 mg/kg	<0.10 mg/kg	Pass
Pentachloroaniline		0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzen	e	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzon	itrile	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorothioanis	sole	0.2 mg/kg	<0.10 mg/kg	Pass
Permethrin		20 mg/kg	<0.10 mg/kg	Pass
Phosmet		0.2 mg/kg	<0.10 mg/kg	Pass
Piperonylbutoxide		8 mg/kg	<0.10 mg/kg	Pass
Prallethrin		0.4 mg/kg	<0.10 mg/kg	Pass
Propiconazole (sum	n of isomers)	20 mg/kg	<0.10 mg/kg	Pass
Propoxur		0.1 mg/kg	<0.10 mg/kg	Pass
Pyrethrins		1 mg/kg	<1.0 mg/kg	Pass
Pyridaben		3 mg/kg	<0.10 mg/kg	Pass
Pentachloronitrober	nzene	0.2 mg/kg	<0.10 mg/kg	Pass

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# Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	P2303-00000054	Eurofins Sample:	12767860	
Project ID	CHARLO_WEB-20230323-0069	Receipt Date	24-Mar-2023	
PO Number	QC 325	Receipt Condition	Ambient temperat	ture
Description	Relief Cream	Login Date	23-Mar-2023	
		Date Started	26-Mar-2023	
		Sampled	Sample results ap	oply as received
		Number Composited		
		Online Order	901-2023-E01742	26
Analysis		Limit	Result	Pass/Fail
Multi-Residue An	alysis for hemp products - BCC Pesticio	le List		
Spinetoram		3 mg/kg	<0.10 mg/kg	Pass
Spinosad		3 mg/kg	<0.10 mg/kg	Pass
Spiromesifen		12 mg/kg	<0.10 mg/kg	Pass
Spirotetramat		13 mg/kg	<0.10 mg/kg	Pass
Spiroxamine		0.1 mg/kg	<0.10 mg/kg	Pass
Tebuconazole		2 mg/kg	<0.10 mg/kg	Pass
Thiacloprid		0.1 mg/kg	<0.10 mg/kg	Pass
Thiamethoxam		4.5 mg/kg	<0.10 mg/kg	Pass
Trifloxystrobin		30 mg/kg	<0.10 mg/kg	Pass
to the limits set f Control, Title 16,			-	
	alysis for hemp products - BCC Pesticio			_
Daminozide		0.1 mg/kg	<0.10 mg/kg	Pass
Fenhexamid		10 mg/kg	<0.10 mg/kg	Pass
	porting designations are relative forth by the Bureau of Cannabis , Division 42.		-	
Method Reference	?S			Testing Location
	vent Analysis in Cannabis and Hemp Ma	trices (	Food Integrity I	nnovation-Madison
CANN_SOL_S)			6304 Ronald Reagan	Ave Madison, WI 53704 USA
Internally Develop	bed Method			
Glyphosate and AM	PA (GLY_AMPA_S)		• •	nnovation-Madison Ave Madison, WI 53704 USA
Internally developed	d method.			



### Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Method References	Testing Location
Multi-Residue Analysis for hemp products - BCC Pesticide List (	Food Integrity Innovation-Madison
PEST_HEMP)	6304 Ronald Reagan Ave Madison, WI 53704 USA
<i>Official Methods of Analysis, AOAC Official Method 2007.01</i> , Pesticide Residues i Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).	in Foods by Acetonitrile Extraction and
CEN Standard Method EN 15662: Food of plant origin - Determination of pesticid	e residues using GC-MS and/or LC-MS/
MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE -	QuEChERS method.
List of the tested pesticides and their limits of quantification (LOQs) are available	le upon request.
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid	Food Integrity Innovation-Madison
and Daminoside (PEST_HEMP)	6304 Ronald Reagan Ave Madison, WI 53704 USA
<i>Official Methods of Analysis, AOAC Official Method 2007.01</i> , Pesticide Residues i Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).	in Foods by Acetonitrile Extraction and
CEN Standard Method EN 15662: Food of plant origin - Determination of pesticid	e
MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE -	-
List of the tested pesticides and their limits of quantification (LOQs) are available	le upon request.
Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison	Edward Ladwig - President Eurofins Food
Eurofins Food Chemistry Testing Madison, Inc.	Chemistry Testing Madison
5304 Ronald Reagan Ave Madison WI 53704	
800-675-8375	ACCREDITED

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.



CERTIFICATE OF ANALYSIS

Prepared for:

### **CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>P2303-000000054</b>	Test: <b>Metals</b>	Reported: <b>3/29/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix:	Test ID:	Started:	USDA License:
Unit Co	T000239637	3/29/23	N/A
Status:	Method:	Received:	Sampler ID:
Active	TM19 (ICP-MS): Heavy Metals	03/24/2023 @ 11:24 AM	N/A

### HEAVY METALS DETERMINATION

Arsenic 0.046 - 4.58 ND   Cadmium 0.045 - 4.54 ND   Mercury 0.046 - 4.56 ND   Lead 0.045 - 4.53 ND	Compound	ł	Dynamic Range (ppm)	Result (ppm)	
Cadmium 0.045 - 4.54 ND   Mercury 0.046 - 4.56 ND	Arsenic		0.046 - 4.58	ND	-
	Cadmium			ND	
Lead 0.045 - 4.53 ND	Mercury		0.046 - 4.56	ND	
	Lead		0.045 - 4.53	ND	
	PREPARED BY / DATE			)ATF	
PREPARED BY / DATE APPROVED BY / DATE			ALLINOVED DI / D		

#### Definitions

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



Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.



### **Relief Cream**



CERTIFICATE OF ANALYSIS

Prepared for:

#### **Relief Cream**

#### **CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>P2303-000000054</b>	Test: <b>Mycotoxins</b>	Reported: <b>3/29/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Concentrate	Test ID: T000239638	Started: 3/28/23	USDA License: N/A
Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 03/24/2023 @ 11:24 AM	Sampler ID: N/A

### **MYCOTOXIN** DETERMINATION

Compound	Dynamic	Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.8	- 126.4	ND	N/A
Aflatoxin B1	1	- 32.8	ND	
Aflatoxin B2	1	- 32.5	ND	
Aflatoxin G1	1.2	- 32.3	ND	
Aflatoxin G2	1.1	- 32.9	ND	
Total Aflatoxins (B1, B2, G	1, and G2)		ND	
Generathe Smil	Sam Smith 29-Mar-23 6:44 AM	K Win	Karen Wint 29-Mar-23 6:47 AM	ernheimer
PREPARED BY / DATE		APPROVED BY	/ DATE	

#### Definitions

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

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