Certificate of Analysis: Density

Sample Name:	A01229		
Sample Description:	17mg Orange Blossom, 30mL		
Lab Name:	Charlotte's Web QC Lab, 700 Tech	Sample Analyzed By:	Leewaphath Xaiyasang
	Ct., Louisville, CO 80027, Room 203	Test Method ID:	MTH-002 R2
Customer:	Charlotte's Web	Date Sample Received:	20-Jan-23
Contact:	Richard Wright,	Date Sample Analyzed:	23-Jan-23
	gateam@charlottesweb.com		

Analysis

Result (g/mL)

Manual Density Measurement

0.941

This information is a portion of the complete report; contact the lab for more information. Results only apply to the received sample in the condition it was received. This certificate of analysis shall not be reproduced, except in full, without the prior written consent of CWB Holdings LLC.

Additions/Deviations/Exclusions/Comments:

N/A

Approvals

Role	Print Name	Signature	Date
Analyst	Leewaphath Xaiyasang	Sille more	23 Jan 23
Peer Reviewer			



Official Compliance: Colorado CERTIFICATE OF ANALYSIS

Prepared for:

17mg Organic Orange Blossom 30mL

Spectrum Analysis, 0.01% THC

CWB HOLDINGS, INC

Batch ID or Lot Number: A01229 - Composite	Test: Potency	Reported: 1/25/23	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Concentrate	Test ID: T000233412	Started: 1/23/23	USDA License: N/A
Status:	Method: TM14 (HPLC-DAD): Potency - Broad	Received: 01/20/2023 @ 04:27 PM	Sampler ID:

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.008	ND	ND	Hotes
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.068	0.68	Total THC is 0.68mg per serving
Cannabidiolic acid (CBDA)	0.017	0.058	ND	ND	(1mL).
Cannabidiol (CBD)	0.017	0.056	2.083	20.83	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.017	0.058	ND	ND	Total THC is 20.4mg per
Cannabinolic Acid (CBNA)	0.010	0.033	ND	ND	
Cannabinol (CBN)	0.004	0.015	<loq< td=""><td><loq< td=""><td>container (30mL).</td></loq<></td></loq<>	<loq< td=""><td>container (30mL).</td></loq<>	container (30mL).
Cannabigerolic acid (CBGA)	0.014	0.049	ND	ND	
Cannabigerol (CBG)	0.003	0.012	0.027	0.27	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.041	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.024	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	0.018	0.18	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabichromene (CBC)	0.006	0.020	0.088	0.88	
Total Cannabinoids			2.284	22.84	
Total Potential THC**			0.068	0.68	
Total Potential CBD**			2.083	20.83	

Somentha Small

Sam Smith 25-Jan-23

APPROVED BY / DATE

Karen Winternheimer 25-Jan-23 10:46 AM

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 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)

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











Official Compliance: Colorado CERTIFICATE OF ANALYSIS

Prepared for:

17mg Organic Orange Blossom 30mL

CWB HOLDINGS, INC

Batch ID or Lot Number: **A01229 - Composite**

Test:
Microbial
Contaminants

Reported: **1/30/23**

Location: 700 Tech Ct. Louisville, CO 80027

Matrix:

Finished Product

Test ID:

Started: 1/23/23

USDA License:

N/A

Status:

Methods: TM25 (qPCR) Received:

Sampler ID:

Active TM25 (q

TM25 (qPCR)
TM24, TM26, TM27(Culture Plating):

T000233413

01/20/2023 @ 04:27 PM

N/A

Microbial

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	QUANTITATION RANGE	Result
Total 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	1.0x10^2 - 1.5x10^4 CFU/g	None Detected
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	2.0x10^2 - 3.0x10^4 CFU/g	None Detected
STEC	TM-25, PCR	10^0 CFU/25 g	N/A	Absent
Salmonella	TM-25, PCR	10^0 CFU/25 g	N/A	Absent

Notes
Free from visual mold,
mildew, and foreign
matter

Red Cahu

Brett Hudson 1/30/2023 1:55:00 PM

Buanne Mallot

Brianne Maillot 1/30/2023 6:47:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

Number 4329.01

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing E. coli

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

Examples:

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

10^5 = 100,000 CFU

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CDPHE Certified







CERTIFICATE OF ANALYSIS

Prepared for:

17mg Organic Orange Blossom 30mL

CWB HOLDINGS, INC

Batch ID or Lot Number:

Test:

Reported:

Location:

700 Tech Ct.

Louisville, CO 80027

A01229 - Composite Mycotoxins

1/25/23

Matrix:

Concentrate

Test ID: T000233415 Started: 1/24/23

USDA License:

N/A

Status:

Method:

Received:

Sampler ID:

Active

TM18 (UHPLC-QQQ LCMS/MS):

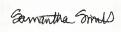
01/20/2023 @ 04:27 PM

N/A

Mycotoxins

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.9 - 129.8	ND	N/A
Aflatoxin B1	1 - 33.2	ND	
Aflatoxin B2	1 - 32.9	ND	
Aflatoxin G1	1 - 33.2	ND	
Aflatoxin G2	0.9 - 33.6	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	



Sam Smith 25-Jan-23 11:22 AM

APPROVED BY / DATE

Karen Winternheimer 25-Jan-23 11:26 AM

Definitions

PREPARED BY / DATE

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







CERTIFICATE OF ANALYSIS

Prepared for:

17mg Organic Orange Blossom 30mL

CWB HOLDINGS, INC

Karen Winternheimer

26-Jan-23

9:18 AM

Batch ID or Lot Number: A01229 - Composite	Test: Metals	Reported: 1/26/23	Location: 700 Tech Ct. Louisville, CO 80027
Matrix:	Test ID:	Started:	USDA License:
Unit Co	T000233414	1/25/23	N/A
Status:	Method:	Received:	Sampler ID:
Active	TM19 (ICP-MS): Heavy Metals	01/20/2023 @ 04:27 PM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.044 - 4.42	ND	
Cadmium	0.043 - 4.32	ND	
Mercury	0.043 - 4.30	ND	
Lead	0.051 - 5.12	ND	

Samontha Smill

PREPARED BY / DATE

Sam Smith 26-Jan-23 9:09 AM

APPROVED BY / DATE

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.







3959754-0

Report Date:

02-Feb-2023

Report Status:

Final

Supercedes:

3953747-0

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	A01229 - Composite	Eurofins Sample:	12567248	
Project ID	CHARLO_WEB-20230120-0014	Receipt Date	23-Jan-2023	
O Number	QC 325	Receipt Condition	Ambient tempera	ature
escription	17mg Organic Orange Blossom 30mL	Login Date	20-Jan-2023	
	MFG: January 17 2023	Date Started	23-Jan-2023	
	Expiration: January 17 2025	Sampled	Sample results a	
		Online Order	901-2023-E0039	
Analysis				Result
Glyphosate and A	MPA			
Glyphosate				100 ng/g
AMPA				100 ng/g
Analysis		Limit	Result	Pass/Fail
	olvent Analysis in Cannabis and Hemp Matri	ces		
	al Solvent or Processing Chemical	4.0	4.0	D
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 Chloric	de	1.0 ppm	<1.0 ppm <1.0 ppm	Pass Pass
achieved by this r	1 ppm for Ethylene Oxide is not method. Reporting limit of 25 commended by the AOAC	1.0 ppm	-	1 233
	al Solvent or Processing Chemical			
Isopropal Alcohol		5000 ppm	<500 ppm	Pass
Acetone		5000 ppm	<200 ppm	Pass
Acetonitrile		410 ppm	<200 ppm	Pass
Ethanol		5000 ppm	<1000 ppm	Pass
Ethyl Acetate		5000 ppm	<500 ppm	Pass
Ethyl Ether		5000 ppm	<500 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

3959754-0

Report Date:

02-Feb-2023

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3953747-0

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Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court

Louisville Colorado 80027 United States

Sample Name:	A01229 - Composite	Eurofins Sample:	12567248	
Project ID	CHARLO_WEB-20230120-0014	Receipt Date	23-Jan-2023	
O Number	QC 325	Receipt Condition	Ambient temperat	ture
Description	17mg Organic Orange Blossom 30mL	Login Date	20-Jan-2023	
	MFG: January 17 2023	Date Started	23-Jan-2023	
	Expiration: January 17 2025	Sampled	Sample results ag	oply as received
		Online Order	901-2023-E00396	30
Analysis		Limit	Result	Pass/Fail
BCC - Residual S	olvent Analysis in Cannabis and Hemp Matri	ces		
Xylenes (ortho-,	meta-, para-)	2170 ppm	<160 ppm	Pass
The Pass/Fail rep	porting designations are relative		-	
	orth by the Bureau of Cannabis			
Control, Title 16,				
Summed Group 1			<500 pp-	
Isobutane (2-Met			<500 ppm	
Summed Group 2 2,2,3-Trimethylbi			<50.0 ppm	
2,3-Dimethylpeni			<50.0 ppm	
2,4-Dimethylpeni			<50.0 ppm	
2-Methylhexane	taile		<50.0 ppm	
3,3-Dimethylpeni	tane		<50.0 ppm	
3-Ethylpentane	au io		<50.0 ppm	
3-Methylhexane			<50.0 ppm	
•	(Petroleum Ether)		ос.о рр	
2,2-Dimethylbuta			<25.0 ppm	
2,3-Dimethylbuta			<25.0 ppm	
2-Methylpentane			<25.0 ppm	
3-Methylpentane			<25.0 ppm	
Summed Group 4	(Xylenes)			
Xylenes-1 (Ethyli			<40.0 ppm	
Multi-Residue An	alysis for hemp products - BCC Pesticides Fo	enhexamid and Daminoside		
Daminozide		0.1 mg/kg	<0.10 mg/kg	Pass
Fenhexamid		10 mg/kg	<0.10 mg/kg	Pass
Multi-Residue An	alysis for hemp products - Compliance with (Colorado Regulations		
Abamectin		0.3 mg/kg	<0.10 mg/kg	Pass
Acephate		5 mg/kg	<0.010 mg/kg	Pass
Acequinocyl		4 mg/kg	<0.50 mg/kg	Pass
Acetamiprid		5 mg/kg	<0.01 mg/kg	Pass



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Report Date:

02-Feb-2023

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Final 3953747-0

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	A01229 - Composite	Eurofins Sample:	12567248	
Project ID	CHARLO_WEB-20230120-0014	Receipt Date	23-Jan-2023	
PO Number	QC 325	Receipt Condition	Ambient temperature	
Description	17mg Organic Orange Blossom 30mL	Login Date	20-Jan-2023	
	MFG: January 17 2023	Date Started	23-Jan-2023	
	Expiration: January 17 2025	Sampled	Sample results apply	as received
	<u> </u>	Online Order	901-2023-E003960	
Analysis		Limit	Result	Pass/Fail
Multi-Residue Analy	sis for hemp products - Compliance with	Colorado Regulations		
Acetamiprid		5 mg/kg	<0.010 mg/kg	Pass
Aldicarb		0.1 mg/kg	<0.10 mg/kg	Pass
Azoxystrobin		40 mg/kg	<0.010 mg/kg	Pass
Azoxystrobin		40 mg/kg	<0.01 mg/kg	Pass
Bifenazate		5 mg/kg	<0.01 mg/kg	Pass
Bifenazate		5 mg/kg	<0.010 mg/kg	Pass
Bifenthrin		0.5 mg/kg	<0.10 mg/kg	Pass
Boscalid		10 mg/kg	<0.01 mg/kg	Pass
Boscalid		10 mg/kg	<0.010 mg/kg	Pass
Carbaryl		0.5 mg/kg	<0.020 mg/kg	Pass
Carbaryl		0.5 mg/kg	<0.02 mg/kg	Pass
Carbofuran		0.1 mg/kg	<0.01 mg/kg	Pass
Carbofuran		0.1 mg/kg	<0.010 mg/kg	Pass
Chlorantraniliprole		40 mg/kg	<0.020 mg/kg	Pass
Chlorantraniliprole		40 mg/kg	<0.02 mg/kg	Pass
Chlorfenapyr		0.1 mg/kg	<0.50 mg/kg	Pass
Chlorpyrifos		0.1 mg/kg	<0.05 mg/kg	Pass
Chlorpyrifos		0.1 mg/kg	<0.050 mg/kg	Pass
Clofentezine		0.5 mg/kg	<0.01 mg/kg	Pass
Clofentezine		0.5 mg/kg	<0.010 mg/kg	Pass
Cournaphos		0.1 mg/kg	<0.010 mg/kg	Pass
Coumaphos		0.1 mg/kg	<0.01 mg/kg	Pass
Cyfluthrin		1 mg/kg	<0.50 mg/kg	Pass
Cypermethrin		1 mg/kg	<0.50 mg/kg	Pass
Diazinon		0.2 mg/kg	<0.02 mg/kg	Pass
Diazinon		0.2 mg/kg	<0.020 mg/kg	Pass
Dichlorvos		0.1 mg/kg	<0.050 mg/kg	Pass
Dichlorvos		0.1 mg/kg	<0.05 mg/kg	Pass
Dimethoate		0.1 mg/kg	<0.010 mg/kg	Pass

Printed: 02-Feb-2023 3:32 pm

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Report Date:

02-Feb-2023

Report Status:

Final

Supercedes:

3953747-0

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court

Louisville Colorado 80027 United States

Sample Name:	A01229 - Composite	Eurofins Sample:	12567248	
Project ID	CHARLO_WEB-20230120-0014	Receipt Date	23-Jan-2023	
O Number	QC 325	Receipt Condition	Ambient temperatur	re
escription	17mg Organic Orange Blossom 30mL	Login Date	20-Jan-2023	
	MFG: January 17 2023	Date Started	23-Jan-2023	
	Expiration: January 17 2025	Sampled	Sample results app	
		Online Order	901-2023-E003960	
Analysis		Limit	Result	Pass/Fail
Multi-Residue An	alysis for hemp products - Compliance with	Colorado Regulations		
Dimethoate		0.1 mg/kg	<0.01 mg/kg	Pass
Dimethomorph		20 mg/kg	<0.10 mg/kg	Pass
Ethoprophos		0.1 mg/kg	<0.010 mg/kg	Pass
Ethoprophos		0.1 mg/kg	<0.01 mg/kg	Pass
Etofenprox		0.1 mg/kg	<0.020 mg/kg	Pass
Etofenprox		0.1 mg/kg	<0.02 mg/kg	Pass
Etoxazole		1.5 mg/kg	<0.01 mg/kg	Pass
Etoxazole		1.5 mg/kg	<0.010 mg/kg	Pass
Fenoxycarb		0.1 mg/kg	<0.010 mg/kg	Pass
Fenoxycarb		0.1 mg/kg	<0.01 mg/kg	Pass
Fenpyroximate		2 mg/kg	<0.02 mg/kg	Pass
Fenpyroximate		2 mg/kg	<0.020 mg/kg	Pass
Fipronil		0.1 mg/kg	<0.01 mg/kg	Pass
Fipronil		0.1 mg/kg	<0.010 mg/kg	Pass
Flonicamid		2 mg/kg	<0.020 mg/kg	Pass
Flonicamid		2 mg/kg	<0.02 mg/kg	Pass
Fludioxonil		30 mg/kg	<0.01 mg/kg	Pass
Fludioxonil		30 mg/kg	<0.010 mg/kg	Pass
Hexythiazox		2 mg/kg	<0.05 mg/kg	Pass
Hexythiazox		2 mg/kg	<0.050 mg/kg	Pass
lmazalil		0.1 mg/kg	<0.01 mg/kg	Pass
Imazalil		0.1 mg/kg	<0.010 mg/kg	Pass
Imidacloprid		3 mg/kg	<0.01 mg/kg	Pass
Imidacloprid		3 mg/kg	<0.010 mg/kg	Pass
Kresoxim-methy	1	1 mg/kg	<0.15 mg/kg	Pass
Malathion		5 mg/kg	<0.010 mg/kg	Pass
Malathion		5 mg/kg	<0.01 mg/kg	Pass
Metalaxyl		15 mg/kg	<0.010 mg/kg	Pass
Metalaxyl		15 mg/kg	<0.01 mg/kg	Pass

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3959754-0

Report Date:

02-Feb-2023

Report Status: Supercedes : Final 3953747-0

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	A01229 - Composite	Eurofins Sample:	12567248	
roject ID	CHARLO_WEB-20230120-0014	Receipt Date	23-Jan-2023	
O Number	QC 325	Receipt Condition	Ambient temperat	ure
escription	17mg Organic Orange Blossom 30mL	Login Date	20-Jan-2023	
	MFG: January 17 2023	Date Started	23-Jan-2023	
	Expiration: January 17 2025	Sampled	Sample results ap	
		Online Order	901-2023-E00396	
Analysis		Limit	Result	Pass/Fail
Multi-Residue An	alysis for hemp products - Compliance with	Colorado Regulations		
Methiocarb		0.1 mg/kg	<0.010 mg/kg	Pass
Methiocarb		0.1 mg/kg	<0.01 mg/kg	Pass
Methomyl		0.1 mg/kg	<0.020 mg/kg	Pass
Methomyl		0.1 mg/kg	<0.02 mg/kg	Pass
Mevinphos		0.1 mg/kg	<0.02 mg/kg	Pass
Mevinphos		0.1 mg/kg	<0.020 mg/kg	Pass
Myclobutanil		9 mg/kg	<0.01 mg/kg	Pass
Myclobutanil		9 mg/kg	<0.010 mg/kg	Pass
Naled		0.5 mg/kg	<0.02 mg/kg	Pass
Naled		0.5 mg/kg	<0.020 mg/kg	Pass
Oxamyl		0.2 mg/kg	<0.050 mg/kg	Pass
Oxamyl		0.2 mg/kg	<0.05 mg/kg	Pass
Paclobutrazol		0.1 mg/kg	<0.01 mg/kg	Pass
Paclobutrazol		0.1 mg/kg	<0.010 mg/kg	Pass
Methyl parathion		0.1 mg/kg	<0.050 mg/kg	Pass
Methyl parathion		0.1 mg/kg	<0.05 mg/kg	Pass
Permethrin		20 mg/kg	<0.10 mg/kg	Pass
Phosmet		0.2 mg/kg	<0.05 mg/kg	Pass
Phosmet		0.2 mg/kg	<0.050 mg/kg	Pass
Piperonylbutoxid	e	8 mg/kg	<0.05 mg/kg	Pass
Piperonylbutoxid	e	8 mg/kg	<0.050 mg/kg	Pass
Prallethrin		0.4 mg/kg	<0.50 mg/kg	Pass
Propiconazole (s	um of isomers)	20 mg/kg	<0.050 mg/kg	Pass
Propiconazole (s	um of isomers)	20 mg/kg	<0.05 mg/kg	Pass
Propoxur		0.1 mg/kg	<0.01 mg/kg	Pass
Propoxur		0.1 mg/kg	<0.010 mg/kg	Pass
Pyridaben		3 mg/kg	<0.02 mg/kg	Pass
Pyridaben		3 mg/kg	<0.020 mg/kg	Pass
Pentachloronitrol	benzene	0.2 mg/kg	<0.05 mg/kg	Pass

Printed: 02-Feb-2023 3:32 pm

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3959754-0

Report Date:

02-Feb-2023

Report Status:

Final

3953747-0

Supercedes:

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court

Louisville Colorado 80027 United States

Sample Name:	A01229 - Composite	Eurofins Sample:	12567248	
Project ID	CHARLO_WEB-20230120-0014	Receipt Date	23-Jan-2023	
O Number	QC 325	Receipt Condition	Ambient temperatu	re
escription	17mg Organic Orange Blossom 30mL	Login Date	20-Jan-2023	
	MFG: January 17 2023	Date Started	23-Jan-2023	
	Expiration: January 17 2025	Sampled	Sample results app	
		Online Order	901-2023-E003960	
Analysis		Limit	Result	Pass/Fail
Multi-Residue An	alysis for hemp products - Compliance with	Colorado Regulations		
Pentachloronitro	benzene	0.2 mg/kg	<0.050 mg/kg	Pass
Spinetoram		3 mg/kg	<0.01 mg/kg	Pass
Spinetoram		3 mg/kg	<0.010 mg/kg	Pass
Spinosad		3 mg/kg	<0.01 mg/kg	Pass
Spinosad		3 mg/kg	<0.010 mg/kg	Pass
Spiromesifen		12 mg/kg	<0.020 mg/kg	Pass
Spiromesifen		12 mg/kg	<0.02 mg/kg	Pass
Spirotetramat		13 mg/kg	<0.010 mg/kg	Pass
Spirotetramat		13 mg/kg	<0.01 mg/kg	Pass
Spiroxamine		0.1 mg/kg	<0.01 mg/kg	Pass
Spiroxamine		0.1 mg/kg	<0.010 mg/kg	Pass
Tebuconazole		2 mg/kg	<0.01 mg/kg	Pass
Tebuconazole		2 mg/kg	<0.010 mg/kg	Pass
Thiacloprid		0.1 mg/kg	<0.010 mg/kg	Pass
Thiacloprid		0.1 mg/kg	<0.01 mg/kg	Pass
Thiamethoxam		4.5 mg/kg	<0.010 mg/kg	Pass
Thiamethoxam		4.5 mg/kg	<0.01 mg/kg	Pass
Trifloxystrobin		30 mg/kg	<0.010 mg/kg	Pass
Cyantraniliprole			<0.010	
Novaluron			<0.02 mg/kg	
Allethrin			<0.10 mg/kg	
Atrazine			<0.01 mg/kg	
Buprofezin			<0.02 mg/kg	
Clothianidin			<0.02 mg/kg	
Cyhalothrin, lami	bda-		<0.50 mg/kg	
Cyprodinil			<0.01 mg/kg	
Deltamethrin			<0.10 mg/kg	
Dinotefuran			<0.05 mg/kg	
Diuron			<0.01 mg/kg	



3959754-0

Report Date:

02-Feb-2023

Report Status:

Final

Supercedes:

3953747-0

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Sample Name:	A01229 - Composite	Eurofins Sample:	12567248	
Project ID	CHARLO_WEB-20230120-0014	Receipt Date	23-Jan-2023	
O Number	QC 325 Receipt Condition	QC 325 Receipt Condition	Ambient temperature	
Description	17mg Organic Orange Blossom 30mL	Login Date	20-Jan-2023	
	MFG: January 17 2023	Date Started	23-Jan-2023	
	Expiration: January 17 2025	Sampled	Sample results apply as received	
		Online Order	901-2023-E003960	
Analysis		Limit	Result Pass/Fail	
	alysis for hemp products - Compliance with Colo	orado Regulations		
Dodemorph (cis-			<0.10 mg/kg	
Endosulfan I (alp	ha-isomer)		<0.10 mg/kg	
Endosulfan II (be	ta-isomer)		<0.10 mg/kg	
Endosulfan sulfat	re e		<0.10 mg/kg	
Fensulfothion			<0.01 mg/kg	
Fenthion			<0.01 mg/kg	
Fenvalerate/Esfe	nvalerate (sum of isomers)		<0.20 mg/kg	
Fluopyram			<0.01 mg/kg	
Iprodione			<0.50 mg/kg	
MGK 264 (sum o	fisomers)		<0.05 mg/kg	
Novaluron			<0.02 mg/kg	
Pirimicarb			<0.01 mg/kg	
Pyraclostrobin			<0.01 mg/kg	
Pyriproxyfen			<0.05 mg/kg	
Resmethrin (sum	of isomers)		<0.05 mg/kg	
Spirodiclofen			<0.05 mg/kg	
Tebufenozide			<0.01 mg/kg	
Teflubenzuron			<0.02 mg/kg	
Tetrachlorvinphos	3		<0.01 mg/kg	
Tetramethrin (sur	n of isomers)		<1.0 mg/kg	
Thiabendazole			<0.01 mg/kg	
Thiophanate-met	nyl		<0.01 mg/kg	
Azadirachtin			<0.50 mg/kg	
Benzovindiflupyr			<0.010 mg/kg	
Etridiazole			<0.10 mg/kg	
Kinoprene			<1.25 mg/kg	
Methoprene		n	on-analyzable	
Phenothrin			<0.50 mg/kg	
Pyrethrin I			<0.050 mg/kg	



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	Expiration: January 17 2025	Sampled	Sample results apply	as received
		Online Order	901-2023-E003960	
Analysis		Limit	Result	Pass/Fail
Multi-Residue An	alysis for hemp products - Compliance with Colo	orado Regulations		
Pyrethrin II			<0.050 mg/kg	
Multi-Residue An	alysis for hemp products (1-5 Compounds from	500+ Compound list)		
Methoprene			<5.0 mg/kg	

Method References	Testing Location
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BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (

Food Integrity Innovation-Madison

CANN_SOL_S)

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Glyphosate and AMPA (GLY_AMPA_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally developed method.

Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide 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 upon request.



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Charlotte's Web, Inc.

700 Tech Court Louisville Colorado 80027 United States

Method References

Testing Location

Multi-Residue Analysis for hemp products - Compliance with Colorado Regulations (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide 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 upon request.

Multi-Residue Analysis for hemp products (1-5 Compounds from 500+ Compound list) (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

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List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc. 6304 Ronald Reagan Ave Madison WI 53704 800-675-8375





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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.

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