CERTIFICATE OF ANALYSIS

PRODUCT NAME: Organic CBD Tincture - Orange

PRODUCT STRENGTH: 900mg
TINCTURE BATCH: 230911A

BEST BY DATE: 9/11/2025

HEMP EXTRACT LOT: BCA-000445-220722

Physical Atttributes

Test	Method	Specification	Results
Color	Internal	Golden to Amber	PASS
Odor	Internal	Characteristic - Coconut and Hemp, Orange	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
Potency - Total CBD	HPLC-UV DAD	*NLT (product strength) mg / bottle	9 83mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: 10 ppm (.001-0.3%)	ND	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	ND	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 Panel	ICP-MS	Arsenic (As): ≤1.5 ppm Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	ND	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb	ND	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	ND	PASS

**Level of Quantitation, † Parts Per Million † Part Per Billion CFU/g=Colony Forming Units per Gram *Nothing Less Than 10^2=100 CFU 10^3=1,000 CFU

Quality Certified Quality Certified

Name

3213: 14245

Date



12423 NE Whitaker Way Portland, OR 97230 503-254-1794



Report Number:

22-008740/D002.R000

Report Date:

08/01/2022

ORELAP#:

OR100028

Purchase Order:

230307D

Received:

07/25/22 10:24

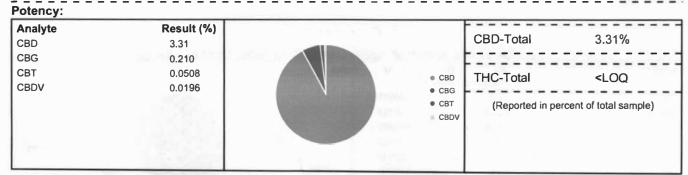
Product identity:

900mg CBD Broad Spectrum Tincture in MCT - Orange

Client/Metrc ID:

230911A

Summary



Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Microbiology						Analysis Mathed	Status	Notes
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	140100
Aerobic Plate Count	< LOQ	10,000	cfu/g	10	2206260	07/28/22 AOAC 990.12 (Petrifilm) ^b	pass	1
E.coli	< LOQ	100.00	cfu/g	10	2206258	07/28/22 AOAC 991.14 (Petrifilm) ^b	pass	1 (
Total Coliforms	< LOQ	100.00	cfu/g	10	2206258	07/28/22 AOAC 991.14 (Petrifilm) ^b	pass	1
Mold (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2206259	07/29/22 AOAC 2014.05 (RAPID) ^b	pass	1
Yeast (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2206259	07/29/22 AOAC 2014.05 (RAPID) ^b	pass	1
Salmonella spp. by PCR	Negative	Э	/5g		2206261	07/27/22 AOAC 2020.02b		1
EHEC including STEC	Negative	е	/5g		2206262	07/27/22 AOAC RI 121806b		1

Solvents	Method:	Residua	I Solv	ents by	GC/MS ^p	Units µg/g Batch	2206333	Analyz	e 07/2	27/22	12:40 PM
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
2-Methylbutane (Isopentane)	< LOQ	1000	200	pass		2-Methylpentane	< LOQ	60.0	30.0	pass	
2-Propanol (IPA)	< LOQ	1000	200	pass		2,2-Dimethylbutane	< LOQ	60.0	30.0	pass	
2,2-Dimethylpropane (neo-pentane)	< LOQ	1000	200	pass		2,3-Dimethylbutane	< LOQ	60.0	30.0	pass	
3-Methylpentane	< LOQ	60.0	30.0	pass		Acetone	< LOQ	1000	200	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	1000	400	pass	
Ethanol	< LOQ	1000	200	pass		Ethyl acetate	< LOQ	1000	200	pass	
Hexanes (sum)	< LOQ	60.0	150	pass		m,p-Xylene	< LOQ	430	200	pass	
Methanol	< LOQ	600	200	pass		Methylpropane (Isobutane)	<loq< td=""><td>1000</td><td>200</td><td>pass</td><td></td></loq<>	1000	200	pass	
n-Butane	< LOQ	1000	200	pass		n-Heptane	<loq< td=""><td>1000</td><td>200</td><td>pass</td><td></td></loq<>	1000	200	pass	
n-Hexane	< LOQ	60.0	30.0	pass		n-Pentane	<loq< td=""><td>1000</td><td>200</td><td>pass</td><td></td></loq<>	1000	200	pass	
o-Xylene	< LOQ	430	200	pass		Pentanes (sum)	< LOQ	1000	600	pass	
Propane	< LOQ	1000	200	pass		Toluene	< LOQ	180	100	pass	
Total Xylenes	<loq< td=""><td>430</td><td>400</td><td>pass</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></loq<>	430	400	pass							



12423 NE Whitaker Way Portland, OR 97230 503-254-1794



Report Number:

22-008740/D002.R000

Report Date:

08/01/2022

ORELAP#:

OR100028 230307D

Received:

Purchase Order:

07/25/22 10:24

Pesticides Method: AOAC 2007.01 & EN 15662 (mod)		d) Units mg/kg Batch	2206282	Analyze 07/26/22 02:01 PM		
Analyte	Result	Limits LOQ Status Notes	Marie Territoria de la companie de	Result	Limits LOQ Status Notes	
Tebuconazole	< LOQ	0.010 0.010 pass	Tebufenozide	< LOQ	0.010 0.010 pass	
Teflubenzuron	< LOQ	0.025 0.025 pass	Tetrachlorvinphos	< LOQ	0.010 0.010 pass	
Tetramethrin	< LOQ	0.10 0.050 pass	Thiacloprid	< LOQ	0.010 0.010 pass	
Thiamethoxam	< LOQ	0.010 0.010 pass	Thiophanate-Methyl	< LOQ	0.050 0.030 pass	
Trifloxystrobin	< LOQ	0.010 0.010 pass			a cheel president of , and his his is	

Metals							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Arsenic	< LOQ	1.50	mg/kg	0.0908	2206371	07/27/22 AOAC 2013.06 (mod.) ^b	pass
Cadmium	< LOQ	0.50	mg/kg	0.0908	2206371	07/27/22 AOAC 2013.06 (mod.) ^b	pass
Lead	< LOQ	0.50	mg/kg	0.0908	2206371	07/27/22 AOAC 2013.06 (mod.) ^b	pass
Mercury	< LOQ	1.50	mg/kg	0.0454	2206371	07/27/22 AOAC 2013.06 (mod.)b	pass
Mycotoxins						Shirt of the residence of the said of	FOR SERVICE THE
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aflatoxin B2¥	< LOQ	5.00	μg/kg	5.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mg	od) ^p pass
Aflatoxin B1¥	< LOQ	5.00	µg/kg	5.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mg	od)b pass

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method Status Notes	
Aflatoxin B2¥	< LOQ	5.00	µg/kg	5.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^p pass	
Aflatoxin B1*	< LOQ	5.00	μg/kg	5.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^b pass	
Aflatoxin G1¥	< LOQ	5.00	μg/kg	5.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^b pass	
Aflatoxin G2*	< LOQ	5.00	µg/kg	5.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod)p pass	
Deoxynivalenol*	< LOQ		µg/kg	200	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^b	
Fumonisin B1*	< LOQ		μg/kg	200	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^p	
Fumonisin B2*	< LOQ		µg/kg	200	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^p	
HT2-Toxin¥	< LOQ		µg/kg	40.0	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^p	
Ochratoxin A¥	< LOQ	5.00	μg/kg	5.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod)p pass	
Ochratoxin B*	< LOQ		μg/kg	2.00	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^p	
T2-Toxin¥	< LOQ		µg/kg	20.0	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^b	
Zearalenone*	< LOQ		μg/kg	200	2206365	07/28/22 AOAC 2007.01 & EN 15662 (mod) ^p	
							-





OTO900

Batch ID or Lot Number: 230911A	Test: Microbial Contaminants	Reported: 18Sep2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000255910	Started: 13Sep2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorac Panel)	Received: 13Sep2023 do	Status: Active

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

Final Approval



Brianne Maillot 17Sep2023 09:13:00 AM MDT

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Brett Hudson 18Sep2023 11:43:00 AM MDT



PREPARED BY / DATE

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/49cb4df0-7071-4f61-8144-9e16b28250ef

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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 Accredited by A2LA.











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