

 PRODUCT NAME:
 Organic CBD Tincture - Lemon

 PRODUCT STRENGTH:
 900mg

 TINCTURE BATCH:
 250124A

 BEST BY DATE:
 01/24/2027

 HEMP EXTRACT LOT:
 240220B-660

Physical Atttributes

Test	Method	Specification	Results
Color	Joy Internal	Golden to Amber	PASS
Odor	Joy Internal	Characteristic - Coconut and Hemp, Lemon	PASS
Appearance	Joy Internal	Golden to Amber oil in brown glass bottle with dropper.	PASS
Primary Package Eval.	Joy Internal	Container clean and free of filth. Container caps tight and shrink bands 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	*NLT (product strength) mg / bottle	1011mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: <0.01% THC (Broad Spectrum)	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

Color

2/6/2025

Quality Certified Na

Date



Organic Broad Spectrum 900mg CBD Tincure- Lemon

Batch ID or Lot Number:	Test:	Reported: 02Feb2024	USDA License:
250124A	Potency		N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000268646	01Feb2024	N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 30Jan2024	Status: Active

Cannabinoids	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabichromene (CBC)	0.006	0.021	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND
Cannabidiol (CBD)	0.028	0.070	3.403	34.03
Cannabidiolic Acid (CBDA)	0.029	0.072	ND	ND
Cannabidivarin (CBDV)	0.007	0.017	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabidivarinic Acid (CBDVA)	0.012	0.030	ND	ND
Cannabigerol (CBG)	0.003	0.012	0.217	2.17
Cannabigerolic Acid (CBGA)	0.014	0.049	ND	ND
Cannabinol (CBN)	0.005	0.015	ND	ND
Cannabinolic Acid (CBNA)	0.010	0.033	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.017	0.058	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.016	0.053	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.014	0.047	ND	ND
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.041	ND	ND
Total Cannabinoids			3.620	36.20
Total Potential THC			<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total Potential CBD			3.403	34.03

Final Approval



Sam Smith 02Feb2024 09:39:00 AM MST L Winterwheimer APPROVED BY / DATE Karen Winternheimer 02Feb2024 09:42:00 AM MST



PREPARED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/e929ada2-a8b6-404b-a6e2-416b1ec96425

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 e929ada2a8b6404ba6e2416b1ec96425.1



Organic Broad Spectrum 900mg CBD Tincure- Lemon

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 4
250124A	Various	Concentrate	
Reported:	Started:	Received:	
06Feb2024	06Feb2024	05Feb2024	

Residual Solvents -Colorado Compliance

Test ID: T000269726

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	108 - 2161	ND	
Butanes (Isobutane, n-Butane)	207 - 4136	ND	
Methanol	64 - 1271	ND	
Pentane	97 - 1939	ND	
Ethanol	95 - 1890	ND	
Acetone	108 - 2153	ND	
Isopropyl Alcohol	104 - 2087	ND	
Hexane	7 - 136	ND	
Ethyl Acetate	109 - 2176	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	104 - 2082	ND	
Toluene	19 - 373	ND	
Xylenes (m,p,o-Xylenes)	122 - 2439	ND	

Final Approval

PREPARED BY / DATE

MUNHUMA 01:38:00 PM MST

Karen Winternheimer 06Feb2024

Sam Smith Sawantha Smol 06Feb2024 01:39:00 PM MST

APPROVED BY / DATE



Organic Broad Spectrum 900mg CBD Tincure- Lemon

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 2 of 4
250124A	Various	Concentrate	
Reported:	Started:	Received:	
06Feb2024	06Feb2024	05Feb2024	

Pesticides

Test ID: T000269723 Methods: TM17

(LC-QQ LC MS/MS)	(LC-QQ LC MS/MS) Dynamic Range (ppb)	
Abamectin	322 - 2692	ND
Acephate	40 - 2713	ND
Acetamiprid	42 - 2711	ND
Azoxystrobin	46 - 2680	ND
Bifenazate	43 - 2700	ND
Boscalid	47 - 2707	ND
Carbaryl	42 - 2691	ND
Carbofuran	42 - 2677	ND
Chlorantraniliprole	48 - 2651	ND
Chlorpyrifos	48 - 2744	ND
Clofentezine	282 - 2731	ND
Diazinon	293 - 2717	ND
Dichlorvos	286 - 2745	ND
Dimethoate	41 - 2702	ND
E-Fenpyroximate	222 - 2857	ND
Etofenprox	44 - 2759	ND
Etoxazole	292 - 2664	ND
Fenoxycarb	41 - 2669	ND
Fipronil	50 - 2773	ND
Flonicamid	41 - 2768	ND
Fludioxonil	278 - 2672	ND
Hexythiazox	42 - 2774	ND
Imazalil	278 - 2725	ND
Imidacloprid	40 - 2726	ND
Kresoxim-methyl	43 - 2742	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	300 - 2685	ND
Metalaxyl	43 - 2693	ND
Methiocarb	42 - 2675	ND
Methomyl	41 - 2765	ND
MGK 264 1	145 - 1627	ND
MGK 264 2	110 - 1097	ND
Myclobutanil	50 - 2631	ND
Naled	44 - 2668	ND
Oxamyl	41 - 2770	ND
Paclobutrazol	45 - 2671	ND
Permethrin	300 - 2757	ND
Phosmet	42 - 2585	ND
Prophos	289 - 2668	ND
Propoxur	41 - 2692	ND
Pyridaben	286 - 2731	ND
Spinosad A	34 - 2091	ND
Spinosad D	67 - 674	ND
Spiromesifen	273 - 2744	ND
Spirotetramat	300 - 2772	ND
Spiroxamine 1	16 - 1015	ND
Spiroxamine 2	22 - 1572	ND
Tebuconazole	290 - 2684	ND
Thiacloprid	42 - 2720	ND
Thiamethoxam	42 - 2744	ND
Trifloxystrobin	44 - 2700	ND

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PREPARED BY / DATE

Karen Winternheimer 07Feb2024 08:52:00 AM MST

Samantha Smill 07Feb2024 08:55:00 AM MST

APPROVED BY / DATE

Sam Smith



Organic Broad Spectrum 900mg CBD Tincure- Lemon

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 4 of 4
240124A	Various	Concentrate	
Reported:	Started:	Received:	
06Feb2024	06Feb2024	05Feb2024	

Heavy Metals -Colorado Compliance

Test ID: T000269725

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.47	ND	
Cadmium	0.05 - 4.51	ND	
Mercury	0.05 - 4.74	ND	,
Lead	0.05 - 4.82	ND	•

Final Approval

Samantha Small 09Feb2024 01:45:00 PM MST

Sam Smith

PREPARED BY / DATE

Notember 11:24:00 AM MST

Karen Winternheimer 12Feb2024



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Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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-THC + (0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. 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.

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. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details.





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Organic Broad Spectrum 900mg CBD Tincure- Lemon

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 3 of 4
240124A	Various	Concentrate	
Reported:	Started:	Received:	
06Feb2024	06Feb2024	05Feb2024	

Mycotoxins - Colorado Compliance

Test ID: T000269727

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	0.96 - 126.73	ND	N/A
Aflatoxin B1	1.02 - 32.79	ND	
Aflatoxin B2	0.96 - 33.15	ND	
Aflatoxin G1	1.02 - 33.05	ND	
Aflatoxin G2	1.12 - 32.95	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Wintersheumer 10:39:00 AM MST

Karen Winternheimer 08Feb2024

Samuella Small 08Feb2024 10:41:00 AM MST APPROVED BY / DATE

Sam Smith

Microbial

Contaminants -**Colorado Compliance**

Test ID: T000269724

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial			Quantitation		
(Colorado Panel)	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	
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

Pent Value PREPARED BY / DATE

Brett Hudson 09Feb2024 11:30:00 AM MST

Buanne Maillot 09Feb2024

Brianne Maillot 12:57:00 PM MST

APPROVED BY / DATE



Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 02/03/2025

SAMPLE DETAILS

SAMPLE NAME: Organic Broad Spectrum 900mg CBD Tincure-Lemon Infused, Liquid Edible

SAMPLE DETAIL

Batch Number: 250124A **Sample ID:** 250130P023

Date Collected: 01/30/2025 **Date Received:** 01/30/2025

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30 milliliters per Unit **Serving Size:** 1 milliliters per Serving





Scan QR code to verify authenticity of results.

SAFETY ANALYSIS - SUMMARY

Microbiology (PCR): PASS

Microbiology (Plating): ND

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

 $\label{eq:References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), $\mu g/g = ppm, $\mu g/kg = ppb, too numerous to count > 250 cfu/plate (TNTC), colony-forming unit (cfu) $\mu g/g = ppb, $\mu g/kg = ppb, too numerous to count > 250 cfu/plate (TNTC), colony-forming unit (cfu) $\mu g/g = ppb, $\mu g/$

LOC verified by: Randi Vuong Job Title: Lead Laboratory Technician Date: 02/03/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 02/03/2025





DATE ISSUED 02/03/2025





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

Analysis conducted by $3M^{\rm TM}$ Petrifilm $^{\rm TM}$ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with $3M^{TM}$ PetrifilmTM

MICROBIOLOGY TEST RESULTS (PCR) - 02/03/2025 PASS

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

MICROBIOLOGY TEST RESULTS (PLATING) - 02/03/2025 ND

COMPOUND	RESULT (cfu/g)
Coliforms	ND
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND

NOTES

Sample unit mass provided by client.