

## **Hemp Regulatory Compliance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 01/28/2025** 

#### SAMPLE DETAILS

SAMPLE NAME: Tincture-Organic 3000mg CBD/30mL-FS

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: 25T1111001 Sample ID: 250123M033

**DISTRIBUTOR / TESTED FOR** 

**Business Name:** License Number: Address:

Date Collected: 01/23/2025 Date Received: 01/23/2025

Batch Size:

Sample Size: 1.0 units

Unit Mass: Serving Size:





#### **SAFETY ANALYSIS - SUMMARY**

Pesticides: PASS

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.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $\mu g/g = ppm, \mu g/kg = ppb$ 

LQC verified by: Maria Garcia Job Title: Senior Laboratory Analyst Date: 01/28/2025

ob Title: Chief Compliance Officer Date: 01/28/2025



# Tincture-Organic 3000mg CBD/30mL-FS

Batch ID or Lot Number: <b>25T1111001</b>	Test, Test lD and Methods: Various	Matrix: Finished Product	Page 4 of 5
Reported:	Started:	Received:	
22Jan2025	22Jan2025	21Jan2025	

# **Cannabinoids - Colorado Compliance**

Test ID: T000297386

Methods: TM14 (HPLC-DAD): Potency - Broad

Spectrum Analysis, 0.01% THC	<b>LOD</b> (%)	<b>LOQ</b> (%)	Result (%)	Result (mg/g)
Cannabichromene (CBC)	0.017	0.056	0.307	3.07
Cannabichromenic Acid (CBCA)	0.016	0.051	ND	ND
Cannabidiol (CBD)	0.053	0.147	10.501	105.01
Cannabidiolic Acid (CBDA)	0.054	0.151	ND	ND
Cannabidivarin (CBDV)	0.012	0.035	0.041	0.41
Cannabidivarinic Acid (CBDVA)	0.023	0.063	ND	ND
Cannabigerol (CBG)	0.010	0.032	0.189	1.89
Cannabigerolic Acid (CBGA)	0.040	0.134	ND	ND
Cannabinol (CBN)	0.013	0.042	0.055	0.55
Cannabinolic Acid (CBNA)	0.027	0.091	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.048	0.159	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.003	0.009	0.141	1.41
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002	0.008	ND	ND
Tetrahydrocannabivarin (THCV)	0.009	0.029	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.034	0.113	ND	ND
Total Cannabinoids			11.234	112.34
Total Potential THC			0.141	1.41
Total Potential CBD			10.501	105.01

**Final Approval** 

Karen Winternheimer 28Jan2025 01:30:00 PM MST

PREPARED BY / DATE

Sawantha Small 28Jan2025 01:32:00 PM MST

Sam Smith

APPROVED BY / DATE



# Tincture-Organic 3000mg CBD/30mL-FS

Batch ID or Lot Number: <b>25T1111001</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported:	Started:	Received:	
22Jan2025	22Jan2025	21Jan2025	

# **Heavy Metals -Colorado Compliance**

Test ID: T000297388

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.53	ND	
Cadmium	0.04 - 4.05	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.04 - 4.07	ND	•

**Final Approval** 

The Days

Judith Marquez 22Jan2025 01:29:00 PM MST

Sawantha Small 22Jan2025 01:33:00 PM MST

Sam Smith

APPROVED BY / DATE PREPARED BY / DATE



# Tincture-Organic 3000mg CBD/30mL-FS

Batch ID or Lot Number: 25T1111001	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 5
Reported:	Started:	Received:	
22Jan2025	22Jan2025	21Jan2025	

# **Residual Solvents -Colorado Compliance**

Test ID: T000297389

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	98 - 1961	ND	
Butanes (Isobutane, n-Butane)	191 - 3827	ND	
Methanol	65 - 1307	ND	
Pentane	95 - 1897	ND	
Ethanol	94 - 1883	ND	
Acetone	98 - 1952	ND	
Isopropyl Alcohol	99 - 1970	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	99 - 1983	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	97 - 1939	ND	
Toluene	18 - 355	ND	
Xylenes (m,p,o-Xylenes)	127 - 2537	ND	

**Final Approval** 

Sawantha Smul 24Jan2025 02:27:00 PM MST

Sam Smith

PREPARED BY / DATE

24Jan2025 02:28:00 PM MST APPROVED BY / DATE

Karen Winternheimer



# Tincture-Organic 3000mg CBD/30mL-FS

Batch ID or Lot Number: 25T1111001	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 5
Reported:	Started:	Received:	
22Jan2025	22Jan2025	21Jan2025	

# Microbial Contaminants -Colorado Compliance

Test ID: T000297387

Methods: TM25 (qPCR) TM24, TM26,

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

**Final Approval** 

PREPARED BY / DATE

26Jar 03:56

Nora Langer 26Jan2025 03:56:00 PM MST

Brett Hudson 27Jan2025 03:51:00 PM MST

APPROVED BY / DATE



## Tincture-Organic 3000mg CBD/30mL-FS

Batch ID or Lot Number: <b>25T1111001</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 5
Reported:	Started:	Received:	
22Jan2025	22Jan2025	21Jan2025	

# **Mycotoxins - Colorado Compliance**

Test ID: T000297390

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	<b>Dynamic Range</b> (ppb)	Result (ppb)	Notes
Ochratoxin A	3.71 - 131.33	ND	N/A
Aflatoxin B1	0.96 - 32.34	ND	
Aflatoxin B2	0.90 - 32.07	ND	
Aflatoxin G1	0.96 - 32.28	ND	
Aflatoxin G2	1.14 - 32.31	ND	
Total Aflatoxins (B1, B2, G1, ar	nd G2)	ND	

#### **Final Approval**

Samantha Smul

Sam Smith 29Jan2025 10:15:00 AM MST

PREPARED BY / DATE

MENHEME 10:18:00 AM MST

Karen Winternheimer

29Jan2025

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 Detection, 0LOQ = 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-THCa \*(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.





081aebd672af4826ac0a3f64cc2fef88.1



DATE ISSUED 01/28/2025



# **Pesticide Analysis**

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). ‡Analytes part of our California Select Panel.

\*GC-MS utilized where indicated.

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

#### PESTICIDE TEST RESULTS - 01/28/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Abamectin	0.032 / 0.097	0.3	N/A	ND	PASS
Acephate	0.006 / 0.018	5	N/A	ND	PASS
Acequinocyl	0.009 / 0.027	4	N/A	ND	PASS
Acetamiprid	0.016 / 0.049	5	N/A	ND	PASS
Aldicarb	0.030 / 0.090	≥LOD	N/A	ND	PASS
Allethrin	0.030 / 0.092		N/A	ND	
Atrazine	0.006/0.019		N/A	ND	
Azadirachtin	0.082 / 0.248		N/A	ND	
Azoxystrobin	0.003 / 0.009	40	N/A	ND	PASS
Benzovindiflupyr	0.003 / 0.009		N/A	ND	
Bifenazate	0.003 / 0.009	5	N/A	ND	PASS
Bifenthrin	0.021 / 0.064	0.5	N/A	ND	PASS
Boscalid	0.003 / 0.009	10	N/A	ND	PASS
Buprofezin <sup>‡</sup>	0.006 / 0.019		N/A	ND	
Captan	0.045 / 0.135	5	N/A	ND	PASS
Carbaryl	0.007 / 0.020	0.5	N/A	ND	PASS
Carbofuran	0.003 / 0.008	≥LOD	N/A	ND	PASS
Chlorantraniliprole	0.006 / 0.018	40	N/A	ND	PASS
Chlordane*	0.010 / 0.032	≥LOD	N/A	ND	PASS
Chlorfenapyr*	0.005 / 0.015	≥LOD	N/A	ND	PASS
Chlormequat chloride	0.022 / 0.066		N/A	ND	
Chlorpyrifos	0.013 / 0.039	≥LOD	N/A	ND	PASS
Clofentezine	0.003 / 0.009	0.5	N/A	ND	PASS
Clothianidin	0.008 / 0.025		N/A	ND	
Coumaphos	0.003/0.010	≥ LOD	N/A	ND	PASS
Cyantraniliprole	0.003/0.010		N/A	ND	
Cyfluthrin	0.052 / 0.159	1	N/A	ND	PASS
Cypermethrin	0.051 / 0.153	1	N/A	ND	PASS
Cyprodinil <sup>‡</sup>	0.003 / 0.008		N/A	ND	
Daminozide	0.026 / 0.077	≥ LOD	N/A	ND	PASS
Deltamethrin	0.059 / 0.180		N/A	ND	
Diazinon	0.006 / 0.017	0.2	N/A	ND	PASS
Dichlorvos (DDVP)	0.012 / 0.038	≥ LOD	N/A	ND	PASS
Dimethoate	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Dimethomorph	0.016 / 0.050	20	N/A	ND	PASS
Dinotefuran	0.010 / 0.030		N/A	ND	
Diuron	0.013 / 0.040		N/A	ND	
Dodemorph	0.012 / 0.035		N/A	ND	
Endosulfan sulfate	0.016 / 0.048		N/A	ND	
Endosulfan-α*	0.004/0.014		N/A	ND	
Endosulfan-β*	0.006/0.019		N/A	ND	

Continued on next page



**DATE ISSUED 01/28/2025** 



# Pesticide Analysis Continued

#### PESTICIDE TEST RESULTS - 01/28/2025 continued **⊘** PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (μg/g)	RESULT
Ethoprophos	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Etofenprox	0.014/0.042	≥LOD	N/A	ND	PASS
Etoxazole	0.007 / 0.020	1.5	N/A	ND	PASS
Etridiazole*	0.002 / 0.005		N/A	ND	
Fenhexamid	0.003 / 0.008	10	N/A	ND	PASS
Fenoxycarb	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.007 / 0.020	2	N/A	ND	PASS
Fensulfothion	0.003 / 0.010		N/A	ND	
Fenthion	0.003 / 0.010		N/A	ND	
Fenvalerate <sup>‡</sup>	0.033 / 0.099		N/A	ND	
Fipronil	0.003/0.010	≥ LOD	N/A	ND	PASS
Flonicamid	0.007/0.022	2	N/A	ND	PASS
Fludioxonil	0.003/0.010	30	N/A	ND	PASS
Fluopyram <sup>‡</sup>	0.003/0.009		N/A	ND	
Hexythiazox	0.003/0.010	2	N/A	ND	PASS
Imazalil	0.003/0.009	≥ LOD	N/A	ND	PASS
Imidacloprid	0.003/0.010	3	N/A	ND	PASS
Iprodione	0.077 / 0.233		N/A	ND	
Kinoprene	0.077 / 0.233		N/A	ND	
Kresoxim-methyl	0.006/0.019	1	N/A	ND	PASS
λ-Cyhalothrin	0.068 / 0.206		N/A	ND	
Malathion	0.003 / 0.009	5	N/A	ND	PASS
Metalaxyl	0.003/0.010	15	N/A	ND	PASS
Methiocarb	0.003/0.008	≥ LOD	N/A	ND	PASS
Methomyl	0.008/0.025	0.1	N/A	ND	PASS
Methoprene <sup>‡</sup>	0.172 / 0.521		N/A	ND	
Mevinphos	0.008 / 0.024	≥ LOD	N/A	ND	PASS
MGK-264	0.015/0.047		N/A	ND	
Myclobutanil	0.003 / 0.009	9	N/A	ND	PASS
Naled	0.021 / 0.064	0.5	N/A	ND	PASS
Novaluron	0.002 / 0.005		N/A	ND	
Oxamyl	0.017 / 0.051	0.2	N/A	ND	PASS
Paclobutrazol	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.016 / 0.050	≥ LOD	N/A	ND	PASS
Pentachloronitro- benzene (Quintozene)*	0.004/0.012	0.2	N/A	ND	PASS
Permethrin	0.056 / 0.168	20	N/A	ND	PASS
Phenothrin	0.016 / 0.047		N/A	ND	
Phosmet	0.007 / 0.020	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.010 / 0.029	8	N/A	ND	PASS
Pirimicarb	0.003 / 0.009		N/A	ND	
Prallethrin	0.015 / 0.046	0.4	N/A	ND	PASS

Continued on next page



**DATE ISSUED 01/28/2025** 



# Pesticide Analysis Continued

## PESTICIDE TEST RESULTS - 01/28/2025 continued PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Propiconazole	0.027 / 0.080	20	N/A	ND	PASS
Propoxur	0.003 / 0.008	≥ LOD	N/A	ND	PASS
Pyraclostrobin	0.003/0.010		N/A	ND	
Pyrethrins	0.016 / 0.049	1	N/A	ND	PASS
Pyridaben	0.005/0.017	3	N/A	ND	PASS
Pyriproxyfen	0.003/0.009		N/A	ND	
Resmethrin	0.013 / 0.039		N/A	ND	
Spinetoram	0.003/0.010	3	N/A	ND	PASS
Spinosad	0.003/0.010	3	N/A	ND	PASS
Spirodiclofen	0.031 / 0.093		N/A	ND	
Spiromesifen	0.016 / 0.050	12	N/A	ND	PASS
Spirotetramat	0.003/0.010	13	N/A	ND	PASS
Spiroxamine	0.020 / 0.062	≥ LOD	N/A	ND	PASS
Tebuconazole	0.003/0.010	2	N/A	ND	PASS
Tebufenozide	0.003 / 0.008		N/A	ND	
Teflubenzuron	0.007 / 0.022		N/A	ND	
Tetrachlorvinphos	0.003 / 0.008		N/A	ND	
Tetramethrin	0.021 / 0.063		N/A	ND	
Thiabendazole	0.006 / 0.020		N/A	ND	
Thiacloprid	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.003/0.010	4.5	N/A	ND	PASS
Thiophanate-methyl	0.013 / 0.040		N/A	ND	
Trifloxystrobin	0.003/0.009	30	N/A	ND	PASS