

SAMPLE DETAILS

SAMPLE NAME: 15ml Tincture with 850mg CBDa / 2000mg Total Cannabinoids

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Cosaint Global LLC

License Number:

Address: 6 Northway Lane
LATHAM NY 121101

SAMPLE DETAIL

Batch Number: FS8502110

Sample ID: 250401M002

Date Collected: 04/01/2025

Date Received: 04/01/2025

Batch Size:

Sample Size: 1.0 units

Unit Mass: 15 milliliters per Unit

Serving Size:

Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 33.930 mg/unit

Total CBD: 2099.310 mg/unit

Sum of Cannabinoids: 2321.955 mg/unit

Total Cannabinoids: 2204.370 mg/unit

Total THC/CBD is calculated using the following formulas to take into
account the loss of a carboxyl group during the decarboxylation step:Total THC = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa +THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBNTotal Cannabinoids = (Δ^9 -THC + 0.877*THCa) + (CBD + 0.877*CBDa) +

(CBG + 0.877*CBGa) + (THCV + 0.877*THCVa) + (CBC + 0.877*CBCa) +

(CBDV + 0.877*CBDVa) + Δ^8 -THC + CBL + CBN

Density: 0.9694 g/mL

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit:  PASS

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.

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



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 04/04/2025

Amendment to Certificate of Analysis 250401M002-001

SC Laboratories California LLC. | 100 Pioneer Street, Suite E, Santa Cruz, CA 95060 | (866) 435-0709 | sclabs.com | C8-0000013-LIC | ISO/IES 17025:2017 PJLA Accreditation Number 87168

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Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 33.930 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 2099.310 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 2204.370 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 8.535 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.795 mg/unit

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 32.505 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 28.470 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 04/02/2025

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±3.3242	89.120	9.1933
CBDa	0.001 / 0.026	±1.6461	57.963	5.9793
CBCa	0.001 / 0.015	±0.0849	2.228	0.2298
CBDVa	0.001 / 0.018	±0.0152	1.631	0.1682
THCa	0.001 / 0.005	±0.0259	1.464	0.1510
Δ^9 -THC	0.002 / 0.014	±0.0537	0.978	0.1009
CBDV	0.002 / 0.012	±0.0191	0.468	0.0483
CBGa	0.002 / 0.007	±0.0088	0.384	0.0396
CBG	0.002 / 0.006	±0.0113	0.232	0.0239
CBC	0.003 / 0.010	±0.0069	0.213	0.0220
THCVa	0.002 / 0.019	±0.0009	0.061	0.0063
CBN	0.001 / 0.007	±0.0016	0.055	0.0057
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
SUM OF CANNABINOIDS			154.797 mg/mL	15.9683%

Unit Mass: 15 milliliters per Unit

Δ^9 -THC per Unit	110 per-package limit	14.670 mg/unit	PASS
Total THC per Unit		33.930 mg/unit	
CBD per Unit		1336.800 mg/unit	
Total CBD per Unit		2099.310 mg/unit	
Sum of Cannabinoids per Unit		2321.955 mg/unit	
Total Cannabinoids per Unit		2204.370 mg/unit	

DENSITY TEST RESULT

0.9694 g/mL
Tested 04/02/2025
Method: QSP 7870 - Sample Preparation

NOTES

Reason for Amendment: Order Detail Information Change Sample unit mass provided by client.

SAMPLE DETAILS

SAMPLE NAME: 15ml Tincture with 850mg CBDa / 2000mg Total Cannabinoids

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Cosaint Global LLC

License Number:

Address: 6 Northway Lane
LATHAM NY 121101

SAMPLE DETAIL

Batch Number: FS8502110

Sample ID: 250408L024

Date Collected: 04/08/2025

Date Received: 04/08/2025

Batch Size:

Sample Size: 1.0 units

Unit Mass: 15 milliliters per Unit

Serving Size:

Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Density: 0.9805 g/mL

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 0.0327%


● α -Bisabolol 0.183 mg/g ● Guaiol 0.082 mg/g ● β -Caryophyllene 0.062 mg/g

SAFETY ANALYSIS - SUMMARY

Pesticides:  PASSMycotoxins:  PASSResidual Solvents:  PASSHeavy Metals:  PASS

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LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 04/10/2025



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 04/10/2025



Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

1 α -Bisabolol

A sesquiterpene alcohol with a fragrance that can be described as floral, peppery, sweet and clean. Found in chamomile, figwort, yarrow, skullcaps, lavender, ironwort, germander...etc.

2 Guaiol

A sesquiterpene alcohol with a fragrance that can be described as floral, piney, herbal and woody. Found in guaiacum, cypress pine, ginseng, melaleuca, goatweed, incense grass...etc.

3 β -Caryophyllene

A sesquiterpene with a fragrance that can be described as spicy, woody, dry, dusty and mildly sweet. It was one of the first organic compounds to fully synthesized in a laboratory and plays a role in the endocannabinoid system as it is a functional CB₂ receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

TERPENOID TEST RESULTS - 04/10/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α -Bisabolol	0.008 / 0.026	± 0.0076	0.183	0.0183
Guaiol	0.009 / 0.030	± 0.0030	0.082	0.0082
β -Caryophyllene	0.004 / 0.012	± 0.0017	0.062	0.0062
α -Humulene	0.009 / 0.180	N/A	<LOQ	<LOQ
α -Pinene	0.005 / 0.036	N/A	<LOQ	<LOQ
α -Terpinene	0.005 / 0.017	N/A	<LOQ	<LOQ
β -Pinene	0.004 / 0.014	N/A	<LOQ	<LOQ
Borneol	0.005 / 0.016	N/A	<LOQ	<LOQ
Caryophyllene Oxide	0.010 / 0.033	N/A	<LOQ	<LOQ
Citronellol	0.003 / 0.036	N/A	<LOQ	<LOQ
γ -Terpinene	0.006 / 0.018	N/A	<LOQ	<LOQ
Limonene	0.005 / 0.036	N/A	<LOQ	<LOQ
Nerolidol	0.006 / 0.021	N/A	<LOQ	<LOQ
p-Cymene	0.005 / 0.016	N/A	<LOQ	<LOQ
Terpineol	0.009 / 0.031	N/A	<LOQ	<LOQ
Terpinolene	0.008 / 0.036	N/A	<LOQ	<LOQ
α -Cedrene	0.005 / 0.016	N/A	ND	ND
α -Phellandrene	0.006 / 0.036	N/A	ND	ND
β -Ocimene	0.006 / 0.025	N/A	ND	ND
Camphene	0.005 / 0.015	N/A	ND	ND
Camphor	0.006 / 0.036	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
Δ^3 -Carene	0.005 / 0.018	N/A	ND	ND
Eucalyptol	0.006 / 0.018	N/A	ND	ND
Fenchol	0.010 / 0.036	N/A	ND	ND
Fenchone	0.009 / 0.036	N/A	ND	ND
Geraniol	0.002 / 0.036	N/A	ND	ND
Geranyl Acetate	0.004 / 0.036	N/A	ND	ND
Isoborneol	0.004 / 0.012	N/A	ND	ND
Isopulegol	0.005 / 0.036	N/A	ND	ND
Linalool	0.009 / 0.036	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Myrcene	0.008 / 0.025	N/A	ND	ND
Nerol	0.003 / 0.036	N/A	ND	ND
Pulegone	0.003 / 0.011	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
Sabinene Hydrate	0.006 / 0.036	N/A	ND	ND
trans- β -Farnesene	0.008 / 0.025	N/A	ND	ND
Valencene	0.009 / 0.180	N/A	ND	ND
TOTAL TERPENOIDS			0.327 mg/g	0.0327%



Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*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 - 04/09/2025 ✓ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	40	N/A	ND	PASS
Bifenazate	0.01 / 0.04	5	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	0.5	N/A	ND	PASS
Boscalid	0.03 / 0.09	10	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Etoxazole	0.02 / 0.06	1.5	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	2	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	3	N/A	ND	PASS
Malathion	0.03 / 0.09	5	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Permethrin	0.04 / 0.12	20	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	8	N/A	ND	PASS
Propiconazole	0.02 / 0.07	20	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	30	N/A	ND	PASS



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 04/09/2025 ✓ PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS



Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Total Butanes = n-Butane + 2-Methylpropane (Isobutane)
Total Heptanes = 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane
Total Xylenes = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)

RESIDUAL SOLVENTS TEST RESULTS - 04/10/2025 ✓ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	0.234 / 0.781	5000	N/A	ND	PASS
2-Methylpropane (Isobutane)	0.052 / 0.173		N/A	ND	
n-Butane	0.019 / 0.063	5000	±0.0104	0.250	PASS
Total Butanes				0.250	
n-Pentane	0.310 / 1.033	5000	±0.1977	6.316	PASS
n-Hexane	0.110 / 0.366	290	N/A	ND	PASS

Continued on next page



 Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 04/10/2025 *continued* **PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
2,2-Dimethylpentane (Neoheptane)	0.493 / 1.642		N/A	ND	
2,3-Dimethylpentane	1.009 / 3.365		N/A	ND	
2,4-Dimethylpentane	0.737 / 2.458		N/A	ND	
3,3-Dimethylpentane	0.198 / 0.660		N/A	ND	
2,2,3-Trimethylbutane (Triptane)	0.521 / 1.738		N/A	ND	
2-Methylhexane (Isoheptane)	0.610 / 2.034		N/A	ND	
3-Methylhexane	0.235 / 0.785		N/A	ND	
3-Ethylpentane	0.304 / 1.012		N/A	ND	
n-Heptane	13.12 / 43.72	5000	N/A	ND	PASS
Total Heptanes				ND	
Benzene	0.089 / 0.295	1	N/A	ND	PASS
Toluene	0.115 / 0.382	890	N/A	ND	PASS
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	0.451 / 1.502		N/A	ND	
1,2-Dimethylbenzene (o-Xylene)	0.387 / 1.289		N/A	ND	
Total Xylenes		2170		ND	PASS
Methanol	53.92 / 163.4	3000	N/A	ND	PASS
Ethanol	8.984 / 27.23	5000	N/A	ND	PASS
2-Propanol (Isopropyl Alcohol)	8.421 / 25.52	5000	±3.354	232.90	PASS
Acetone	10.59 / 32.08	5000	N/A	ND	PASS
Ethyl Acetate	1.123 / 3.745	5000	N/A	ND	PASS

 Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 04/09/2025 **PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	1.5	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.5	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	3	N/A	ND	PASS

NOTES
Sample unit mass provided by client.