

SAMPLE DETAILS

SAMPLE NAME: TIN-NF-3030 Tincture
Infused, Liquid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
Business Name: SALVUS CBD
License Number:
Address:

SAMPLE DETAIL

Batch Number: 43371L1
Sample ID: 241206K038

Date Collected: 12/06/2024
Date Received: 12/06/2024
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.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **Not Detected**

Total CBD: **3762.810 mg/unit**

Sum of Cannabinoids: **3830.880 mg/unit**

Total Cannabinoids: **3830.880 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 = $\Delta^9\text{-THC} + (\text{THCa} \times 0.877)$
Total CBD = $\text{CBD} + (\text{CBDa} \times 0.877)$
Sum of Cannabinoids = $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$
Total Cannabinoids = $(\Delta^9\text{-THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDa}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCVa}) + (\text{CBC} + 0.877 \times \text{CBCa}) + (\text{CBDV} + 0.877 \times \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

Density: 1.0862 g/mL

SAFETY ANALYSIS - SUMMARY

Pesticides: **✓PASS**

Mycotoxins: **✓PASS**

Residual Solvents: **✓PASS**

Heavy Metals: **✓PASS**

Microbiology (PCR): **✓PASS**

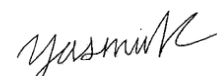
Microbiology (Plating): ND

Foreign Material: **✓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), $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)



LQC verified by: Yasmin Kakkar
Job Title: Senior Laboratory Analyst
Date: 12/10/2024



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 12/10/2024



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: **Not Detected**
Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **3762.810 mg/unit**
Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **3830.880 mg/unit**
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: **31.020 mg/unit**
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **0.600 mg/unit**
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **23.760 mg/unit**
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/07/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±4.6784	125.427	11.5473
CBG	0.002 / 0.006	±0.0501	1.034	0.0952
CBDV	0.002 / 0.012	±0.0323	0.792	0.0729
CBN	0.001 / 0.007	±0.0121	0.423	0.0389
CBC	0.003 / 0.010	±0.0006	0.020	0.0018
Δ^9 -	0.002 / 0.014	N/A	ND	ND
THC	0.01 / 0.02	N/A	ND	ND
Δ^8 -	0.001 / 0.005	N/A	ND	ND
THC	0.002 / 0.012	N/A	ND	ND
THCa	0.002 / 0.019	N/A	ND	ND
THCV	0.001 / 0.026	N/A	ND	ND
THCVa	0.001 / 0.018	N/A	ND	ND
CBDA	0.002 / 0.007	N/A	ND	ND
CBDVa	0.003 / 0.010	N/A	ND	ND
CBGa	0.001 / 0.015	N/A	ND	ND
CBL			127.696 mg/mL	11.7562%
SUM OF CANNABINOIDS				
CBCa				

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

Δ^9 -THC per Unit	ND
Δ^9 -THC per Serving	ND
Total THC per Unit	ND
Total THC per Serving	ND
CBD per Unit	3762.810 mg/unit
CBD per Serving	125.427 mg/serving
Total CBD per Unit	3762.810 mg/unit
Total CBD per Serving	125.427 mg/serving
Sum of Cannabinoids per Unit	3830.880 mg/unit
Sum of Cannabinoids per Serving	127.696 mg/serving
Total Cannabinoids per Unit	3830.880 mg/unit
Total Cannabinoids per Serving	127.696 mg/serving

DENSITY TEST RESULT

1.0862 g/mL
Tested 12/07/2024
Method: QSP 7870 - Sample Preparation



Pesticide Analysis

PESTICIDE TEST RESULTS - 12/10/2024 ✓ PASS

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

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 ND
Acephate	0.02 / 0.07	5	N/A	PASS	ND PASS
Acequinocyl	0.02 / 0.07	4	N/A	ND	PASS ND
Acetamiprid	0.02 / 0.05	5	N/A	PASS	ND PASS
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS ND
Azoxystrobin	0.02 / 0.07	40	N/A	PASS	ND PASS
Bifenazate	0.01 / 0.04	5	N/A	ND	PASS ND
Bifenthrin	0.02 / 0.05	0.5	N/A	PASS	ND PASS
Boscalid	0.03 / 0.09	10	N/A	ND	PASS ND
Captan	0.19 / 0.57	5	N/A	PASS	ND PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS ND
Carbofuran	0.02 / 0.05	≥ LOD	N/A	PASS	ND PASS
Chlorantraniliprole	0.04 / 0.12	40	N/A	ND	PASS ND
Chlordane*	0.03 / 0.08	≥ LOD	N/A	PASS	ND PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS ND
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	PASS	ND PASS
Clofentezine	0.03 / 0.09	0.5	N/A	ND	PASS ND
Coumaphos	0.02 / 0.07	≥ LOD	N/A	PASS	ND PASS
Cyfluthrin	0.12 / 0.38	1	N/A	ND	PASS ND
Cypermethrin	0.11 / 0.32	1	N/A	PASS	ND PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS ND
Diazinon	0.02 / 0.05	0.2	N/A	PASS	ND PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS ND
Dimethoate	0.03 / 0.08	≥ LOD	N/A	PASS	ND PASS
Dimethomorph	0.03 / 0.09	20	N/A	ND	PASS ND
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	PASS	ND PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS ND
Etoxazole	0.02 / 0.06	1.5	N/A	PASS	
Fenhexamid	0.03 / 0.09	10	N/A		
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A		
Fenpyroximate	0.02 / 0.06	2	N/A		
Fipronil	0.03 / 0.08	≥ LOD	N/A		
Flonicamid	0.03 / 0.10	2	N/A		
Fludioxonil	0.03 / 0.10	30	N/A		
Hexythiazox	0.02 / 0.07	2	N/A		
Imazalil	0.02 / 0.06	≥ LOD	N/A		
Imidacloprid	0.04 / 0.11	3	N/A		
Kresoxim-methyl	0.02 / 0.07	1	N/A		
Malathion	0.03 / 0.09	5	N/A		
Metaxyl	0.02 / 0.07	15	N/A		
Methiocarb	0.02 / 0.07	≥ LOD	N/A		

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Pesticide Analysis

Continued

PESTICIDE TEST RESULTS - 12/10/2024 continued ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Methomyl	0.03 / 0.10	0.1	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Naled	0.02 / 0.07	0.5	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.2	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Pentachloronitrobenzene (Quintozene)*	0.03 / 0.09	0.2	N/A	ND	PASS
Permethrin	0.04 / 0.12	20	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	8	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.4	N/A	ND	PASS
Propiconazole	0.02 / 0.07	20	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	1	N/A	ND	PASS
Pyridaben	0.02 / 0.07	3	N/A	ND	PASS
Spinetoram	0.02 / 0.07	3	N/A	ND	PASS
Spinosad	0.02 / 0.07	3	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	13	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	4.5	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 - 12/10/2024 ✔ 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

RESIDUAL SOLVENTS TEST RESULTS - 12/08/2024 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	10 / 20	5000	N/A	ND	PASS
n-Butane	10 / 50	5000	N/A	ND	PASS
n-Pentane	20 / 50	5000	N/A	ND	PASS
n-Hexane	2 / 5	290	N/A	ND	PASS
n-Heptane	20 / 60	5000	N/A	<LOQ	PASS
Benzene	0.03 / 0.09	1	N/A	ND	PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A	ND	PASS
Methanol	50 / 200	3000	N/A	ND	PASS
Ethanol	20 / 50	5000	N/A	ND	PASS
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	N/A	ND	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Ethyl Ether	20 / 50	5000	N/A	ND	PASS
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Ethyl Acetate	20 / 60	5000	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS
Acetonitrile	0.05 / 0.1	1	N/A	ND	PASS
	2 / 7	410	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 - 12/08/2024 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

 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

MICROBIOLOGY TEST RESULTS (PCR) - 12/10/2024 PASS

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



 Microbiology Analysis Continued

MICROBIOLOGY TEST RESULTS (PLATING) - 12/10/2024ND

Analysis conducted by 3MTM Petrifilm™ and plate counts of microbiological contaminants.
Method:QSP 6794 - Plating with 3MTM Petrifilm

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

 Foreign Material Analysis

FOREIGN MATERIAL TEST RESULTS - 12/08/2024 PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.
Method:QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT	RESULT
Hair Count Insect Fragment Count	> 1 per 3 grams	0.0	PASS
Mammalian Excreta Count Total	> 1 per 3 grams	0.0	PASS
Sample Area Covered by an Imbedded Foreign Material	> 1 per 3 grams	0.0	PASS
Total Sample Area Covered by Mold	>25%	None	PASS
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	PASS
	>25%	None	PASS

NOTES