

Certificate of Analysis

Produced: Feb 27, 2025

Sample: CBD (Full Spectrum) - 30ml bottle / 1000mg (Tincture) • Client: Rare Cannabinoid Company • Batch: Pass



Batch No.: 4496
Matrix: Tincture
Density: 0.9368 g/ml
Category: Edible
Sample ID: ICC-250220-16-004
Collected on: Feb 20, 2025
Received on: Feb 20, 2025
Batch Size:
Sample Size:
Received By: Rebecca Fischer
Package Size: 28.37 g

Batch Result: Pass

Potency	Tested	Mycotoxins	Pass
Solvents	Pass	Pesticides	Pass
Metals	Pass	Foreign	Pass
Microbial	Pass		

Cannabinoid Overview

Δ⁹-THC:	25.8 mg/pkg
CBD:	1020 mg/pkg
Total Cannabinoids:	1120 mg/pkg
Sum of Cannabinoids:	1120 mg/pkg

POT-INST-005: POT-INST-005: Potency • Feb 21, 2025

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBC	28.7	0.101	0.946	0.0251/0.0754
CBD	1020	3.58	33.5	0.00768/0.0381
CBDA		ND	ND	0.0184/0.0551
CBDV	5.79	0.0204	0.191	0.00609/0.0381
CBG	24.7	0.0872	0.817	0.00867/0.0381
CBGA		ND	ND	0.0135/0.0407
CBL	1.21	0.00425	0.0398	0.00599/0.0381
CBN	4.71	0.0166	0.156	0.00867/0.0381

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBT	18.1	0.0638	0.598	0.0109/0.0381
Δ ⁸ -THC		ND	ND	0.00616/0.0381
Δ ⁹ -THC	25.8	0.0911	0.853	0.0102/0.0381
THCA		ND	ND	0.0140/0.0419
THCV		ND	ND	0.00470/0.0381
Total THC**	25.8	0.0911	0.853	
Total CBD**	1020	3.58	33.5	

** Total THC = Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + (THCA x 0.877)

** Total CBD = CBD + (CBDA x 0.877)

NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.



RS-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • Feb 26, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail
1,2-Dichloroethane	1	ND	0.166/0.506	Pass	Hexane	290	1.24	0.0656/0.279	Pass
Acetone	5000	ND	17.0/50.9	Pass	Isopropyl alcohol	5000	18.4	1.27/3.82	Pass
Acetonitrile	410	ND	0.119/0.357	Pass	Methanol	3000	ND	2.95/8.86	Pass
Benzene	1	ND	0.0209/0.0635	Pass	Methylene chloride	1	ND	0.126/0.724	Pass
Butane	5000	ND	0.965/4.82	Pass	Pentane	5000	ND	0.956/4.24	Pass
Chloroform	1	ND	0.0358/0.107	Pass	Propane	5000	ND	4.41/13.2	Pass
Ethanol	5000	164	2.60/7.79	Pass	Toluene	890	ND	0.0874/0.859	Pass
Ethyl acetate	5000	24.1	0.311/2.27	Pass	Trichloroethylene	1	ND	0.0179/0.144	Pass
Ethylene oxide	1	ND	0.152/0.575	Pass	o-Xylene		ND	0.100/0.852	N/A
Ethyl ether	5000	ND	1.18/3.53	Pass	p- and m-Xylene		ND	0.115/1.70	N/A
Heptane	5000	ND	0.683/2.84	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Feb 26, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass	Lead	0.5	0.00476	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Feb 26, 2025

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass	Shiga toxin-producing E. coli	ND	Pass

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Feb 27, 2025

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.05/6.20	N/A	Aflatoxin G2		ND	1.02/5.00	N/A
Aflatoxin B2		ND	1.63/5.00	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	1.77/5.38	N/A	Ochratoxin A	20	ND	5.42/16.4	Pass

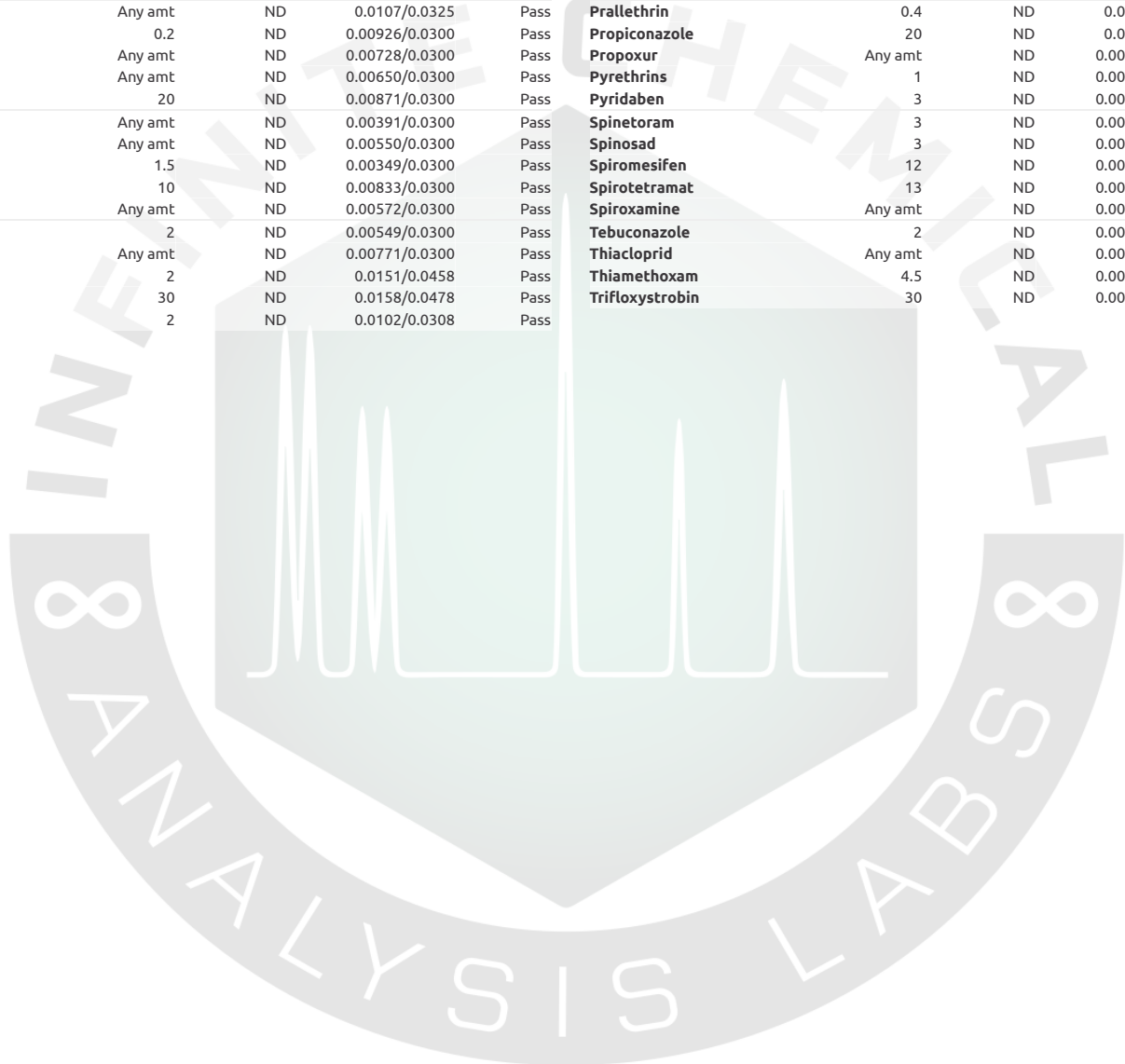
PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Feb 26, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	5	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0145/0.0435	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass
Cyfluthrin	1	ND	0.0186/0.0558	Pass					



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Feb 27, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.3	ND	0.0500/0.100	Pass	Imazalil	Any amt	ND	0.00863/0.0300	Pass
Acephate	5	ND	0.0209/0.0635	Pass	Imidacloprid	3	ND	0.00861/0.0300	Pass
Acequinocyl	4	ND	0.0115/0.0347	Pass	Kresoxim-methyl	1	ND	0.00703/0.0300	Pass
Acetamiprid	5	ND	0.00581/0.0300	Pass	Malathion	5	ND	0.00485/0.0300	Pass
Aldicarb	Any amt	ND	0.00935/0.0300	Pass	Metalaxyl	15	ND	0.00340/0.0300	Pass
Azoxystrobin	40	ND	0.00322/0.0300	Pass	Methiocarb	Any amt	ND	0.00542/0.0300	Pass
Bifenazate	5	ND	0.00473/0.0300	Pass	Methomyl	0.1	ND	0.00645/0.0300	Pass
Bifenthrin	0.5	ND	0.00583/0.0300	Pass	Mevinphos	Any amt	ND	0.0105/0.0319	Pass
Boscalid	10	ND	0.00747/0.0300	Pass	Myclobutanil	9	ND	0.00735/0.0300	Pass
Carbaryl	0.5	ND	0.00404/0.0300	Pass	Naled	0.5	ND	0.00459/0.0300	Pass
Carbofuran	Any amt	ND	0.00239/0.0300	Pass	Oxamyl	0.2	ND	0.00850/0.0300	Pass
Chlorantraniliprole	40	ND	0.00563/0.0300	Pass	Paclobutrazol	Any amt	ND	0.00577/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.00807/0.0300	Pass	Permethrin	20	ND	0.00178/0.0300	Pass
Clofentezine	0.5	ND	0.00464/0.0300	Pass	Phosmet	0.2	ND	0.00527/0.0300	Pass
Coumaphos	Any amt	ND	0.00463/0.0300	Pass	Piperonylbutoxide	8	ND	0.00635/0.0300	Pass
Daminozide	Any amt	ND	0.0107/0.0325	Pass	Prallethrin	0.4	ND	0.0180/0.0546	Pass
Diazinon	0.2	ND	0.00926/0.0300	Pass	Propiconazole	20	ND	0.0124/0.0375	Pass
Dichlorvos	Any amt	ND	0.00728/0.0300	Pass	Propoxur	Any amt	ND	0.00524/0.0300	Pass
Dimethoate	Any amt	ND	0.00650/0.0300	Pass	Pyrethrins	1	ND	0.00192/0.0300	Pass
Dimethomorph	20	ND	0.00871/0.0300	Pass	Pyridaben	3	ND	0.00547/0.0300	Pass
Ethoprophos	Any amt	ND	0.00391/0.0300	Pass	Spinetoram	3	ND	0.00295/0.0300	Pass
Etofenprox	Any amt	ND	0.00550/0.0300	Pass	Spinosad	3	ND	0.00275/0.0300	Pass
Etoxazole	1.5	ND	0.00349/0.0300	Pass	Spiromesifen	12	ND	0.00540/0.0300	Pass
Fenhexamid	10	ND	0.00833/0.0300	Pass	Spirotetramat	13	ND	0.00648/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00572/0.0300	Pass	Spiroxamine	Any amt	ND	0.00264/0.0300	Pass
Fenpyroximate	2	ND	0.00549/0.0300	Pass	Tebuconazole	2	ND	0.00895/0.0300	Pass
Fipronil	Any amt	ND	0.00771/0.0300	Pass	Thiacloprid	Any amt	ND	0.00177/0.0300	Pass
Fonicamid	2	ND	0.0151/0.0458	Pass	Thiamethoxam	4.5	ND	0.00553/0.0300	Pass
Fludioxonil	30	ND	0.0158/0.0478	Pass	Trifloxystrobin	30	ND	0.00234/0.0300	Pass
Hexythiazox	2	ND	0.0102/0.0308	Pass					



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