

Certificate of Analysis

Produced: Nov 27, 2024

Sample: Medterra Full Spectrum Max Relief CBD+CBG Tincture, Citrus, 1000mg, 30ml (Tincture) • Client: Medterra • Batch: Passed as California Hemp



Batch No.: LE240055
Matrix: Tincture
Density: 0.91888 g/ml
Sample ID: ICC-241121-07-001
Collected on: Nov 21, 2024
Received on: Nov 21, 2024
Sample Size:
Received By: Rebecca Fischer
Package Size: 28.14 g

Batch Result: Passed as California Hemp

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

Cannabinoid Overview

Δ ⁹ -THC:	83.0 mg/pkg
CBD:	568 mg/pkg
Sum of Cannabinoids:	1350 mg/pkg
Total Terpenes:	606 mg/pkg

POT-INST-005: Potency • Nov 22, 2024

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBC	71.8	0.255	2.3	0.0244/0.0732	CBT	8.78	0.0312	0.29	0.0106/0.0370
CBD	568	2.02	19	0.00746/0.0370	Δ ⁸ -THC		ND	ND	0.00598/0.0370
CBDa		ND	ND	0.0179/0.0535	Δ ⁹ -THC	83.0	0.295	2.7	0.00988/0.0370
CBDV	7.91	0.0281	0.26	0.00592/0.0370	THCA		ND	ND	0.0136/0.0407
CBG	507	1.80	17	0.00843/0.0370	THCV		ND	ND	0.00457/0.0370
CBGA		ND	ND	0.0132/0.0395	Total THC**	83.0	0.295	2.7	
CBL		ND	ND	0.00582/0.0370	Total CBD**	568	2.02	19	
CBN	107	0.380	3.5	0.00843/0.0370					

Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDa * 0.877 + CBD; 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.

PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Nov 25, 2024

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-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Nov 25, 2024

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	Malathion	5	ND	0.00485/0.0300	Pass
Abamectin Ba		ND	0.0500/0.100	N/A	Metalaxyl	15	ND	0.00340/0.0300	Pass
Acephate	5	ND	0.0209/0.0635	Pass	Methiocarb	Any amt	ND	0.00542/0.0300	Pass
Acequinocyl	4	ND	0.0115/0.0347	Pass	Methomyl	0.1	ND	0.00645/0.0300	Pass
Acetamiprid	5	ND	0.00581/0.0300	Pass	Mevinphos	Any amt	ND	0.0105/0.0319	Pass
Aldicarb	Any amt	ND	0.00935/0.0300	Pass	Myclobutanil	9	ND	0.00735/0.0300	Pass
Azoxystrobin	40	ND	0.00322/0.0300	Pass	Naled	0.5	ND	0.00459/0.0300	Pass
Bifenazate	5	ND	0.00473/0.0300	Pass	Oxamyl	0.2	ND	0.00850/0.0300	Pass
Bifenthrin	0.5	ND	0.00583/0.0300	Pass	Paclobutrazol	Any amt	ND	0.00577/0.0300	Pass
Boscalid	10	ND	0.00747/0.0300	Pass	Permethrin	20	ND	0.00178/0.0300	Pass
Carbaryl	0.5	ND	0.00404/0.0300	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Carbofuran	Any amt	ND	0.00239/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Chlorantraniliprole	40	ND	0.00563/0.0300	Pass	Phosmet	0.2	ND	0.00527/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.00807/0.0300	Pass	Piperonylbutoxide	8	ND	0.00635/0.0300	Pass
Clofentezine	0.5	ND	0.00464/0.0300	Pass	Prallethrin	0.4	ND	0.0180/0.0546	Pass
Coumaphos	Any amt	ND	0.00463/0.0300	Pass	Propiconazole	20	ND	0.0124/0.0375	Pass
Daminozide	Any amt	ND	0.0107/0.0325	Pass	Propoxur	Any amt	ND	0.00524/0.0300	Pass
Diazinon	0.2	ND	0.00926/0.0300	Pass	Pyrethrins	1	ND	0.00192/0.0300	Pass
Dichlorvos	Any amt	ND	0.00728/0.0300	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Dimethoate	Any amt	ND	0.00650/0.0300	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
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	Spinetoram J		ND	0.00500/0.0100	N/A
Etoxazole	1.5	ND	0.00349/0.0300	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenhexamid	10	ND	0.00833/0.0300	Pass	Spinosad	3	ND	0.00275/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00572/0.0300	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00549/0.0300	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.00771/0.0300	Pass	Spiromesifen	12	ND	0.00540/0.0300	Pass
Fonicamid	2	ND	0.0151/0.0458	Pass	Spirotetramat	13	ND	0.00648/0.0300	Pass
Fludioxonil	30	ND	0.0158/0.0478	Pass	Spiroxamine	Any amt	ND	0.00264/0.0300	Pass
Hexythiazox	2	ND	0.0102/0.0308	Pass	Tebuconazole	2	ND	0.00895/0.0300	Pass
Imazalil	Any amt	ND	0.00863/0.0300	Pass	Thiacloprid	Any amt	ND	0.00177/0.0300	Pass
Imidacloprid	3	ND	0.00861/0.0300	Pass	Thiamethoxam	4.5	ND	0.00553/0.0300	Pass
Kresoxim-methyl	1	ND	0.00703/0.0300	Pass	Trifloxystrobin	30	ND	0.00234/0.0300	Pass

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Nov 25, 2024

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

TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Nov 22, 2024

Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
Total Terpenes	2.15	20		Camphene	ND	ND	0.0170/0.151
Limonene	1.63	15	0.150/0.449	Camphor	ND	ND	0.0550/0.306
β-Pinene	0.221	2.0	0.0270/0.306	Caryophyllene Oxide	ND	ND	0.113/0.602
γ-Terpinene	0.178	1.6	0.0330/0.152	Cedrol	ND	ND	0.0690/0.207
α-Bisabolol	0.0509	0.47	0.0640/0.193	cis-Nerolidol	ND	ND	0.0840/0.251
α-Pinene	0.0408	0.37	0.0220/0.151	Δ ³ -Carene	ND	ND	0.0240/0.306
Guaiol	0.0314	0.29	0.0290/0.154	Eucalyptol	ND	ND	0.0810/0.244
α-Terpineol	< LOQ	< LOQ	0.0330/0.154	Fenchol	ND	ND	0.0240/0.152
Terpinolene	< LOQ	< LOQ	0.0130/0.154	Fenchone	ND	ND	0.0250/0.151
(-)-β-Citronellol	ND	ND	0.120/0.598	Geraniol	ND	ND	0.114/0.609
α-Cedrene	ND	ND	0.0320/0.151	Geranyl Acetate	ND	ND	0.0300/0.151
α-Humulene	ND	ND	0.0260/0.151	Isoborneol	ND	ND	0.0330/0.151
α-Terpinene	ND	ND	0.0540/0.163	Linalool	ND	ND	0.0360/0.154
β-Caryophyllene	ND	ND	0.179/0.608	Menthol	ND	ND	0.0720/0.215
β-Eudesmol	ND	ND	0.0760/0.227	p-Cymene	ND	ND	0.0580/0.175
β-Myrcene	ND	ND	0.0150/0.153	Pulegone	ND	ND	0.0560/0.169
Borneol	ND	ND	0.0240/0.154	trans-Nerolidol	ND	ND	0.0740/0.222



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RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Nov 22, 2024

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	0.166/0.507	Pass	Hexane	290	ND	0.0657/0.280	Pass
Acetone	5000	ND	17.0/51.0	Pass	Isopropyl alcohol	5000	ND	1.27/3.82	Pass
Acetonitrile	410	ND	0.119/0.357	Pass	Methanol	3000	ND	2.96/8.87	Pass
Benzene	1	ND	0.0209/0.0636	Pass	Methylene chloride	1	ND	0.126/0.725	Pass
Butane	5000	ND	0.966/4.83	Pass	Pentane	5000	9.85	0.957/4.25	Pass
Chloroform	1	ND	0.0358/0.107	Pass	Propane	5000	ND	4.41/13.2	Pass
Ethanol	5000	ND	2.60/7.80	Pass	Toluene	890	< LOQ	0.0876/0.860	Pass
Ethyl acetate	5000	ND	0.311/2.28	Pass	Trichloroethylene	1	ND	0.0179/0.144	Pass
Ethylene oxide	1	ND	0.152/0.576	Pass	o-Xylene		ND	0.100/0.853	N/A
Ethyl ether	5000	ND	1.18/3.53	Pass	p- and m-Xylene		ND	0.115/1.71	N/A
Heptane	5000	5.49	0.684/2.85	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable) • Nov 25, 2024

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Aspergillus flavus	ND	N/A	Aspergillus terreus	ND	N/A
Aspergillus fumigatus	ND	N/A	Salmonella spp.	ND	Pass
Aspergillus niger	ND	N/A	Shiga toxin-producing E. coli	ND	Pass

MICR-002: Petrifilm-Coliforms • Nov 26, 2024

Analyte	Amt	Pass/Fail
Coliforms	ND	N/A

MICR-002: Petrifilm-Aerobic • Nov 27, 2024

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	N/A

HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Nov 22, 2024

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	ND	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass



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