



Q SOP.006.T3 CBD Product Certificate of Analysis (CofA) Template

Revision:00

Revision Date: 06/10/2022

Last Edits BY: JENA Murray

Approval: Jena Murray

Approval Date: 06/29/2022

PRODUCT INFO

PRODUCT NAME	Medterra Broad Spectrum Enhanced Relief Tincture, Citrus, 1000mg, 30ml	ITEM Number	7301013011000030
Lot Number	LE240069	Amount Per Bottle:	30ml
Expiration Date:	01/2027	Storage Recommendation:	Room temperature, away from light

PHYSICAL QUALITIES

STRENGTH	1000mg per 30ml bottle	COLOR	Amber
SIZE	30ml	ODOR	Citrus
ADDITIONAL INFO	n/a	FLAVOR	Citrus

Test Performed:	PASS / FAIL
Potency:	Pass
Heavy Metals:	Pass
Mycotoxins:	Pass
Pesticides:	Pass
Residual Solvents:	Pass
Listeria Monocytogenes:	Pass
Pathogens:	Pass

Test Performed	Method	Specification	Result	Pass/Fail
Cannabidiol (CBD)	UHPLC-DAD	≥ 1000mg / 30ml	1070mg / 30ml	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	UHPLC-DAD	≤ 0.01%	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICP-MS	≤ 500ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICP-MS	≤ 500ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICP-MS	≤ 3000ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin B1	LCMS	≤ 20 ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin G1	LCMS	≤ 20 ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Ochratoxin A	LCMS	≤ 20 ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
E. Coli	USP2022	Absent	Pass	<input checked="" type="checkbox"/> Pass



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Test Performed	Method	Specification	Result	Pass/Fail
				<input type="checkbox"/> Fail
Salmonella	USP2022	Absent	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Listeria Monocytogenes	qPCR	Absent	NT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Full Pesticide Panel (see attached results for each tested)	LCMS / GCMS	See attached results for Specification of each Pesticide tested	See Attached	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Residual Solvents (see attached results for each tested)	GCMS	See attached results for Specification of each Residual Solvent tested	See Attached	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

NOTES:

n/a 01/07/2025 rcg

Released:

APPROVED

By Raquel Garza at 11:05 am, Mar 21, 2025

Quality Assurance: _____

Date: _____

Certificate of Analysis

Produced: Mar 20, 2025

Sample: Medterra Broad Spectrum Enhanced Relief Tincture, Citrus, 1000mg, 30ml (Tincture) • **Client:** Medterra CBD • **Batch:** Pass



Batch No.: LE240069
Matrix: Tincture
Density: 0.91804 g/ml
Sample ID: ICC-250310-16-001
Collected on: Mar 10, 2025
Received on: Mar 10, 2025
Sample Size:
Received By: Melissa Jamrus
Package Size: 29.02 g

Batch Result: Pass

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

Cannabinoid Overview

Total THC:	0.00 mg/pkg
Total CBD:	1070 mg/pkg
Total Cannabinoids:	1210 mg/pkg
Sum of Cannabinoids:	1210 mg/pkg
Sum of Terpenes:	660 mg/pkg

POT-INST-005: POT-INST-005: Potency

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
CBC	0.143 %	1.4 mg/g	0.0242/0.0724	N/A
CBD	3.70 %	37 mg/g	0.00738/0.0366	N/A
CBDA	ND	ND	0.0177/0.0529	N/A
CBDV	0.00595 %	0.060 mg/g	0.00585/0.0366	N/A
CBG	0.154 %	1.5 mg/g	0.00834/0.0366	N/A
CBGA	ND	ND	0.0130/0.0391	N/A
CBL	ND	ND	0.00576/0.0366	N/A
CBN	0.161 %	1.6 mg/g	0.00834/0.0366	N/A
CBT	ND	ND	0.0105/0.0366	N/A
Δ ⁸ -THC	ND	ND	0.00592/0.0366	N/A
Δ ⁹ -THC	ND	ND	0.00977/0.0366	N/A

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
THCA	ND	ND	0.0134/0.0403	N/A
THCV	ND	ND	0.00452/0.0366	N/A
Total THC**	ND	ND		N/A
Total CBD**	3.70 %	37 mg/g		N/A
CBD/Pkg	1070 mg			N/A
Δ⁹-THC/Pkg	ND			N/A
Total THC/Pkg**	ND			N/A
Total CBD/Pkg**	1070 mg			N/A
Total Cannabinoids**	4.16 %	42 mg/g		N/A
Total Cannabinoids/Pkg**	1210 mg			N/A

** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)

** Total THC = Delta-10-THC + Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + THC-O-acetate + (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.



TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Mar 13, 2025

Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
Total Terpenes	2.27	20.9		Camphor	ND	ND	0.0550/0.306
Limonene	1.76	16.2	0.150/0.449	Caryophyllene Oxide	ND	ND	0.113/0.602
β-Pinene	0.238	2.18	0.0270/0.306	Cedrol	ND	ND	0.0690/0.207
γ-Terpinene	0.176	1.62	0.0330/0.152	cis-Nerolidol	ND	ND	0.0840/0.251
β-Myrcene	0.0583	0.535	0.0150/0.153	Δ ³ -Carene	ND	ND	0.0240/0.306
α-Pinene	0.0419	0.385	0.0220/0.151	Eucalyptol	ND	ND	0.0810/0.244
Terpinolene	< LOQ	< LOQ	0.0130/0.154	Fenchol	ND	ND	0.0240/0.152
(-)-β-Citronellol	ND	ND	0.120/0.598	Fenchone	ND	ND	0.0250/0.151
α-Bisabolol	ND	ND	0.0640/0.193	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	Guaaiol	ND	ND	0.0290/0.154
α-Terpinene	ND	ND	0.0540/0.163	Isoborneol	ND	ND	0.0330/0.151
α-Terpineol	ND	ND	0.0330/0.154	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
Borneol	ND	ND	0.0240/0.154	Pulegone	ND	ND	0.0560/0.169
Camphene	ND	ND	0.0170/0.151	trans-Nerolidol	ND	ND	0.0740/0.222

Compliance requirements for this test are taken from California Cannabis regulations.

RS-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • Mar 12, 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	0.165/0.503	Pass	Hexane	290	ND	0.0652/0.277	Pass
Acetone	5000	ND	16.9/50.6	Pass	Isopropyl alcohol	5000	11.1	1.26/3.79	Pass
Acetonitrile	410	ND	0.118/0.354	Pass	Methanol	3000	ND	2.93/8.80	Pass
Benzene	1	ND	0.0207/0.0631	Pass	Methylene chloride	1	ND	0.125/0.720	Pass
Butane	5000	ND	0.959/4.79	Pass	Pentane	5000	< LOQ	0.950/4.22	Pass
Chloroform	1	ND	0.0355/0.107	Pass	Propane	5000	ND	4.38/13.1	Pass
Ethanol	5000	ND	2.58/7.74	Pass	Toluene	890	< LOQ	0.0869/0.853	Pass
Ethyl acetate	5000	< LOQ	0.309/2.26	Pass	Trichloroethylene	1	ND	0.0178/0.143	Pass
Ethylene oxide	1	ND	0.151/0.572	Pass	o-Xylene		ND	0.0994/0.846	N/A
Ethyl ether	5000	ND	1.17/3.50	Pass	p- and m-Xylene		ND	0.114/1.69	N/A
Heptane	5000	< LOQ	0.678/2.82	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Mar 11, 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	< LOQ	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

Compliance requirements for this test are taken from California Cannabis regulations.

MICR-002: MICR-002: Petrifilm-Aerobic • Mar 12, 2025

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	Pass

Compliance requirements for this test are taken from Colorado Hemp regulations.

MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Mar 12, 2025

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

Compliance requirements for this test are taken from California Cannabis regulations.

MICR-002: MICR-002: Petrifilm-Coliforms • Mar 13, 2025

Analyte	Amt	Pass/Fail
Coliforms	ND	Pass

Compliance requirements for this test are taken from Colorado Hemp regulations.



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Mar 12, 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

Compliance requirements for this test are taken from California Cannabis regulations.

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Mar 12, 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					

Compliance requirements for this test are taken from California Cannabis regulations.

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Mar 12, 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	Malathion	5	ND	0.00485/0.0300	Pass
Abamectin Ba		ND	0.0330/0.0990	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
Flonicamid	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

Compliance requirements for this test are taken from California Cannabis regulations.

