



# 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	LE250070	Amount Per Bottle:	30ml
Expiration Date:	11/2027	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	1040mg / 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 12/08/2025 rcg

Released:

**APPROVED**

*By Raquel Garza at 12:18 pm, Dec 08, 2025*

Quality Assurance: \_\_\_\_\_ Date: \_\_\_\_\_



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## REVISION HISTORY

Rev.	Date	Description of Changes
00	06/29/2022	DCR20220610B - New Document

## Certificate of Analysis

Produced: Dec 03, 2025

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



**Batch No.:** LE250070  
**Matrix:** Tincture  
**Density:** 0.93312 g/ml  
**Sample ID:** ICC-251125-14-001  
**Collected on:** Nov 25, 2025  
**Received on:** Nov 25, 2025  
**Sample Size:**  
**Package Size:** 27.59 g

Batch Result: Pass

<b>Potency</b>	Tested	<b>Microbial</b>	Pass
<b>Terpenes</b>	Tested	<b>Mycotoxins</b>	Pass
<b>Solvents</b>	Pass	<b>Pesticides</b>	Pass
<b>Metals</b>	Pass		

## Cannabinoid Overview

<b>Total THC:</b>	0.000 mg/pkg
<b>Total CBD:</b>	1040 mg/pkg
<b>Total Cannabinoids:</b>	1180 mg/pkg
<b>Sum of Cannabinoids:</b>	1180 mg/pkg
<b>Sum of Terpenes:</b>	564 mg/pkg

## POT-INST-005: POT-INST-005: Potency • Dec 01, 2025

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail	
CBC	43.3	0.157	1.46	0.0229/0.0686	N/A	CBT			ND	ND	0.00989/0.0346	N/A
CBD	1040	3.76	35.1	0.00699/0.0346	N/A	$\Delta^8\text{-THC}$			ND	ND	0.00560/0.0346	N/A
CBDA	ND	ND	0.0167/0.0501	N/A	$\Delta^9\text{-THC}$			ND	ND	0.00925/0.0346	N/A	
CBDV	7.39	0.0268	0.250	0.00554/0.0346	N/A	THCA			ND	ND	0.0127/0.0382	N/A
CBG	48.8	0.177	1.65	0.00789/0.0346	N/A	THCV			ND	ND	0.00427/0.0346	N/A
CBGA	ND	ND	0.0123/0.0370	N/A	<b>Total THC**</b>			ND	ND		N/A	
CBL	ND	ND	0.00545/0.0346	N/A	<b>Total CBD**</b>	1040	3.76	35.1			N/A	
CBN	43.0	0.156	1.46	0.00789/0.0346	N/A	<b>Total Cannabinoids**</b>	1180	4.28	39.9			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.



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<https://lims.tagleaf.com/clientCoas/a08baf11-4fbb-4d1d-8bf4-0712a38af1e0>

Results Certified By: David Marelius PhD  
 Lab Director, Infinite Chemical Analysis Labs, CA  
 Dec 03, 2025

Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
<b>Total Terpenes</b>	2.04	19.1		<b>Camphene</b>	ND	ND	0.000899/0.00779
Limonene	1.56	14.6	0.00771/0.0231	<b>Camphor</b>	ND	ND	0.00284/0.0157
$\beta$ -Pinene	0.237	2.21	0.00141/0.0157	<b>Caryophyllene Oxide</b>	ND	ND	0.00583/0.0310
$\gamma$ -Terpinene	0.156	1.46	0.00172/0.00782	<b>Cedrol</b>	ND	ND	0.00356/0.0107
$\alpha$ -Pinene	0.0421	0.393	0.00111/0.00779	<b>cis-Nerolidol</b>	ND	ND	0.00431/0.0129
$\beta$ -Myrcene	0.0269	0.251	0.000792/0.00790	$\Delta^3$ -Carene	ND	ND	0.00124/0.0157
Terpinolene	0.00708	0.0661	0.000676/0.00796	<b>Eucalyptol</b>	ND	ND	0.00419/0.0126
Geranyl Acetate	0.00574	0.0536	0.00155/0.00779	<b>Fenchol</b>	ND	ND	0.00122/0.00781
$\alpha$ -Terpineol	0.00495	0.0462	0.00171/0.00796	<b>Fenchone</b>	ND	ND	0.00131/0.00780
$\alpha$ -Terpinene	0.00283	0.0264	0.00279/0.00838	<b>Geraniol</b>	ND	ND	0.00590/0.0314
$\beta$ -Caryophyllene	< LOQ	< LOQ	0.00925/0.0314	<b>Guaiol</b>	ND	ND	0.00147/0.00792
( $\pm$ )- $\beta$ -Citronellol	ND	ND	0.00619/0.0308	<b>Isoborneol</b>	ND	ND	0.00172/0.00780
$\alpha$ -Bisabolol	ND	ND	0.00331/0.00992	<b>Linalool</b>	ND	ND	0.00184/0.00795
$\alpha$ -Cedrene	ND	ND	0.00164/0.00779	<b>Menthol</b>	ND	ND	0.00369/0.0111
$\alpha$ -Humulene	ND	ND	0.00136/0.00779	<b>p-Cymene</b>	ND	ND	0.00301/0.00902
$\beta$ -Eudesmol	ND	ND	0.00390/0.0117	<b>Pulegone</b>	ND	ND	0.00290/0.00870
Borneol	ND	ND	0.00123/0.00796	<b>trans-Nerolidol</b>	ND	ND	0.00382/0.0115

RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Nov 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
1,2-Dichloroethane	1	ND	0.168/0.511	Pass	Hexane	290	ND	0.0662/0.282	Pass
Acetone	5000	ND	17.1/51.4	Pass	Isopropyl alcohol	5000	ND	1.28/3.85	Pass
Acetonitrile	410	ND	0.120/0.360	Pass	Methanol	3000	ND	2.98/8.95	Pass
Benzene	1	ND	0.0211/0.0641	Pass	Methylene chloride	1	ND	0.127/0.732	Pass
Butane	5000	ND	0.974/4.87	Pass	Pentane	5000	24.9	0.965/4.29	Pass
Chloroform	1	ND	0.0361/0.108	Pass	Propane	5000	ND	4.45/13.3	Pass
Ethanol	5000	ND	2.62/7.87	Pass	Toluene	890	ND	0.0883/0.867	Pass
Ethyl acetate	5000	ND	0.314/2.30	Pass	Trichloroethylene	1	ND	0.0181/0.146	Pass
Ethylene oxide	1	ND	0.154/0.581	Pass	o-Xylene		ND	0.101/0.860	N/A
Ethyl ether	5000	ND	1.19/3.56	Pass	p- and m-Xylene		ND	0.116/1.72	N/A
Heptane	5000	ND	0.689/2.87	Pass	Total xylenes	2170	ND		Pass

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Nov 25, 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
<b>Arsenic</b>	1.5	ND	0.00300/0.00900	Pass	<b>Lead</b>	0.5	ND	0.00100/0.00400	Pass
<b>Cadmium</b>	0.5	ND	0.00100/0.00200	Pass	<b>Mercury</b>	3	ND	0.00500/0.0140	Pass

MICR-002: MICR-002: Petrifilm-Aerobic • Dec 02, 2025

Analyte	Limit	Amt	Pass/Fail
<b>Aerobic Bacteria</b>		ND	N/A

MICR-002: MICR-002: Petrifilm-Coliforms • Dec 02, 2025

Analyte	Limit	Amt (CFU/g)	Pass/Fail
Coliforms		ND	N/A

MICRO-INST-001 MICRO-PREP-001: MICRO-INST-001 MICRO-PREP-001: PCR-Microbial (inhalatable) • Dec 02, 2025

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Aspergillus flavus	ND		N/A	Aspergillus terreus	ND		N/A
Aspergillus fumigatus	ND		N/A	Salmonella spp.	Any amt in 1 gram		ND
Aspergillus niger	ND		N/A	Shiga toxin-producing E. coli	Any amt in 1 gram		ND

MICR-005 MICR-006: MICR-005 MICR-006: Petrifilm-Rapid Yeast & Mold • Dec 03, 2025

Analyte	Limit	Amt	Pass/Fail
Yeast & Mold	ND	ND	N/A



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-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Dec 01, 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-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Dec 02, 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	Methiocarb	Any amt	ND	0.00542/0.0300	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Methomyl	0.1	ND	0.00645/0.0300	Pass
Acephate	5	ND	0.0209/0.0635	Pass	Mevinphos	Any amt	ND	0.0105/0.0319	Pass
Acequinocyl	4	ND	0.0115/0.0347	Pass	Myclobutanil	9	ND	0.00735/0.0300	Pass
Acetamiprid	5	ND	0.00581/0.0300	Pass	Naled	0.5	ND	0.00459/0.0300	Pass
Aldicarb	Any amt	ND	0.00935/0.0300	Pass	Oxamyl	0.2	ND	0.00850/0.0300	Pass
Azoxystrobin	40	ND	0.00322/0.0300	Pass	Pacllobutrazol	Any amt	ND	0.00577/0.0300	Pass
Bifenazate	5	ND	0.00473/0.0300	Pass	Permethrin	20	ND	0.00178/0.0300	Pass
Bifenthrin	0.5	ND	0.00583/0.0300	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Boscalid	10	ND	0.00747/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Carbaryl	0.5	ND	0.00404/0.0300	Pass	Phosmet	0.2	ND	0.00527/0.0300	Pass
Carbofuran	Any amt	ND	0.00239/0.0300	Pass	Piperonylbutoxide	8	ND	0.00635/0.0300	Pass
Chlorantraniliprole	40	ND	0.00563/0.0300	Pass	Pralathrin	0.4	ND	0.0180/0.0546	Pass
Chlorpyrifos	Any amt	ND	0.00807/0.0300	Pass	Propiconazole	20	ND	0.0124/0.0375	Pass
Clofentezine	0.5	ND	0.00464/0.0300	Pass	Propoxur	Any amt	ND	0.00524/0.0300	Pass
Coumaphos	Any amt	ND	0.00463/0.0300	Pass	Pyrethrins	1	ND	0.00192/0.0300	Pass
Daminozide	Any amt	ND	0.0107/0.0325	Pass	Pyrethrins Cinerin I		ND		N/A
Diazinon	0.2	ND	0.00926/0.0300	Pass	Pyrethrins Cinerin II		ND		N/A
Dichlorvos	Any amt	ND	0.00728/0.0300	Pass	Pyrethrins Jasmolin I		ND		N/A
Dimethoate	Any amt	ND	0.00650/0.0300	Pass	Pyrethrins Jasmolin II		ND		N/A
Dimethomorph	20	ND	0.00871/0.0300	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Ethoprophos	Any amt	ND	0.00391/0.0300	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Etofenprox	Any amt	ND	0.00550/0.0300	Pass	Pyridaben	3	ND	0.00547/0.0300	Pass
Etoxazole	1.5	ND	0.00349/0.0300	Pass	Spinetoram	3	ND	0.00295/0.0300	Pass
Fenhexamid	10	ND	0.00833/0.0300	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Fenoxy carb	Any amt	ND	0.00572/0.0300	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Penpyroximate	2	ND	0.00549/0.0300	Pass	Spinosad	3	ND	0.00275/0.0300	Pass
Fipronil	Any amt	ND	0.00771/0.0300	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Flonicamid	2	ND	0.0151/0.0458	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fludioxonil	30	ND	0.0158/0.0478	Pass	Spiromesifen	12	ND	0.00540/0.0300	Pass
Hexythiazox	2	ND	0.0102/0.0308	Pass	Spirotetramat	13	ND	0.00648/0.0300	Pass
Imazalil	Any amt	ND	0.00863/0.0300	Pass	Spiroxamine	Any amt	ND	0.00264/0.0300	Pass
Imidacloprid	3	ND	0.00861/0.0300	Pass	Tebuconazole	2	ND	0.00895/0.0300	Pass
Kresoxim-methyl	1	ND	0.00703/0.0300	Pass	Thiaclorpid	Any amt	ND	0.00177/0.0300	Pass
Malathion	5	ND	0.00485/0.0300	Pass	Thiamethoxam	4.5	ND	0.00553/0.0300	Pass
Metalaxyl	15	ND	0.00340/0.0300	Pass	Trifloxystrobin	30	ND	0.00234/0.0300	Pass

