



# 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

<b>PRODUCT NAME</b>	Medterra Daily Relief Isolate Tincture, Unflavored, 1000mg, 30ml	<b>ITEM Number</b>	7301012001000030
<b>Lot Number</b>	LE240048	<b>Amount Per Bottle:</b>	30ml
<b>Expiration Date:</b>	09/2026	<b>Storage Recommendation:</b>	Room temperature, away from light.

## PHYSICAL QUALITIES

<b>STRENGTH</b>	1000mg CBD/ 30ml	<b>COLOR</b>	Amber
<b>SIZE</b>	30ml	<b>ODOR</b>	Herbal
<b>ADDITIONAL INFO</b>	n/a	<b>FLAVOR</b>	Unflavored

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

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



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Test Performed	Method	Specification	Result	Pass/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 10/15/2024 rcg

Released:

**APPROVED**

*By Raquel Garza at 11:27 am, Oct 15, 2024*

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

Date: \_\_\_\_\_

# Certificate of Analysis

Produced: Oct 14, 2024

**Sample:** Medterra Daily Relief Isolate Tincture, Unflavored, 1000mg, 30ml (Tincture) • **Client:** Medterra • **Batch:** Passed as California Hemp



**Batch No.:** LE240048  
**Matrix:** Tincture  
**Density:** 0.96388 g/ml  
**Sample ID:** ICC-241009-15-001  
**Collected on:** Oct 09, 2024  
**Received on:** Oct 09, 2024  
**Sample Size:**  
**Received By:** Rebecca Fischer  
**Package Size:** 27.84 g  
**Serving Size:** 0.928 g

**Batch Result:** Passed as California Hemp

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

### Cannabinoid Overview

<b>Total THC:</b>	<b>0.00 %</b>
<b>CBD Per Serving:</b>	<b>35.8 Milligrams</b>
<b>CBD Per Package:</b>	<b>1070 Milligrams</b>

### POT-INST-005: Potency

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBC			ND	ND	0.0241/0.0722	CBT			ND	ND	0.0104/0.0365
CBD	35.8	1070	3.86	37	0.00736/0.0365	Δ <sup>8</sup> -THC			ND	ND	0.00590/0.0365
CBDA			ND	ND	0.0176/0.0528	Δ <sup>9</sup> -THC			ND	ND	0.00974/0.0365
CBDV	0.0728	2.18	0.00784	0.076	0.00584/0.0365	THCA			ND	ND	0.0134/0.0402
CBG			ND	ND	0.00831/0.0365	THCV			ND	ND	0.00451/0.0365
CBGA			ND	ND	0.0130/0.0390	<b>Total THC**</b>			ND	ND	
CBL			ND	ND	0.00574/0.0365	<b>Total CBD**</b>	35.8	1070	3.86	37	
CBN			ND	ND	0.00831/0.0365						

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

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**

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**

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

**RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS**

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	0.168/0.511	Pass	Hexane	290	ND	0.0663/0.282	Pass
Acetone	5000	ND	17.2/51.5	Pass	Isopropyl alcohol	5000	ND	1.29/3.86	Pass
Acetonitrile	410	ND	0.121/0.361	Pass	Methanol	3000	ND	2.99/8.96	Pass
Benzene	1	ND	0.0211/0.0642	Pass	Methylene chloride	1	ND	0.128/0.732	Pass
Butane	5000	ND	0.975/4.87	Pass	Pentane	5000	12.6	0.966/4.29	Pass
Chloroform	1	ND	0.0362/0.108	Pass	Propane	5000	ND	4.45/13.4	Pass
Ethanol	5000	ND	2.63/7.88	Pass	Toluene	890	ND	0.0884/0.868	Pass
Ethyl acetate	5000	ND	0.314/2.30	Pass	Trichloroethylene	1	ND	0.0181/0.146	Pass
Ethylene oxide	1	ND	0.154/0.582	Pass	o-Xylene		ND	0.101/0.861	N/A
Ethyl ether	5000	ND	1.19/3.56	Pass	p- and m-Xylene		6.72	0.116/1.72	N/A
Heptane	5000	ND	0.690/2.87	Pass	Total xylenes	2170	6.72	0.0168/0.143	Pass

**MICR-002: Petrifilm-Aerobic**

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	N/A

**MICR-002: Petrifilm-Coliforms**

Analyte	Amt	Pass/Fail
Coliforms	ND	N/A



### MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable)

Analyte	Amt	Pass/Fail
Aspergillus flavus	ND	N/A
Aspergillus fumigatus	ND	N/A
Aspergillus niger	ND	N/A

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

### HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Lead	0.5	ND	0.00100/0.00400	Pass
Mercury	3	ND	0.00500/0.0140	Pass

