



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 Rapid Recovery Cooling Cream, 2000mg, 3.4oz	ITEM Number	M2CM0018
Lot Number	I26251-2000	Amount Per Bottle:	3.4oz
Expiration Date:	11/2027	Storage Recommendation:	Room temperate, away from light

PHYSICAL QUALITIES

STRENGTH	2000mg / container	COLOR	White
SIZE	3.4oz	ODOR	Menthol
ADDITIONAL INFO	n/a	FLAVOR	n/a

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
CBD	UHPLC-DAD	≥ 2000mg / container	2340mg / container	<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 12/15/2025 rcg

Released:

APPROVED

By Raquel Garza at 1:23 pm, Dec 15, 2025

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: Dec 12, 2025

Sample: Medterra Broad Spectrum Rapid Recovery Cooling Cream, 2000mg, 3.4oz (FULL PANEL) (Topical) • **Client:** Medterra CBD • **Batch:** Pass



Batch No.: I26251-2000
Matrix: Topical
Sample ID: ICC-251125-43-002
Collected on: Dec 09, 2025
Received on: Dec 09, 2025
Batch Size:
Sample Size:
Package Size: 100 g

Batch Result: Pass

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

Cannabinoid Overview

Δ⁹-THC:	0.000 mg/pkg
CBD:	2340 mg/pkg
Total Cannabinoids:	2350 mg/pkg
Sum of Cannabinoids:	2350 mg/pkg

POT-INST-005: POT-INST-005: Potency • Dec 12, 2025

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC		ND	ND	0.0272/0.0816	N/A	CBT		ND	ND	0.0118/0.0413	N/A
CBD	2340	2.34	23.4	0.00832/0.0413	N/A	Δ ⁸ -THC		ND	ND	0.00667/0.0413	N/A
CBDA		ND	ND	0.0199/0.0597	N/A	Δ ⁹ -THC		ND	ND	0.0110/0.0413	N/A
CBDV	10.4	0.0104	0.104	0.00660/0.0413	N/A	THCA		ND	ND	0.0151/0.0454	N/A
CBG		ND	ND	0.00940/0.0413	N/A	THCV		ND	ND	0.00509/0.0413	N/A
CBGA		ND	ND	0.0147/0.0441	N/A	Total THC**		ND	ND		N/A
CBL		ND	ND	0.00649/0.0413	N/A	Total CBD**	2340	2.34	23.4		N/A
CBN		ND	ND	0.00940/0.0413	N/A	Total Cannabinoids**	2350	2.35	23.5		N/A

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

** Total THC = 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.



Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive Residual Solvents by GC-MS • Dec 10, 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
1,1-Dichloroethylene		ND	0.0403/0.121	N/A	Ethanol	5000	ND	1.29/3.86	Pass
1,2-Dichloroethane	1	ND	0.0916/0.274	Pass	Ethyl acetate	5000	ND	0.269/0.807	Pass
1,2-Dimethoxyethane	100	ND	0.667/2.00	Pass	Ethylbenzene		ND	0.401/1.20	N/A
1,4-Dioxane	380	ND	0.700/2.10	Pass	Ethylene glycol	620	ND	0.491/1.47	Pass
1-Butanol	5000	ND	0.293/0.880	Pass	Ethylene oxide	50	ND	0.427/1.28	Pass
1-Pentanol	5000	ND	0.242/0.726	Pass	Ethyl ether	5000	ND	0.300/0.900	Pass
2,2-Dimethylbutane	290	ND	0.356/1.07	Pass	Heptane	5000	ND	0.261/0.782	Pass
2,3-Dimethylbutane	290	ND	0.409/1.23	Pass	Hexane	290	ND	0.397/1.19	Pass
2-Butanol	5000	ND	4.94/14.8	Pass	Isopropyl acetate	5000	ND	1.01/3.04	Pass
2-Butanone	5000	ND	1.22/3.65	Pass	Methanol	3000	ND	23.3/69.9	Pass
2-Ethoxyethanol	160	ND	0.553/1.66	Pass	Methylpropane	5000	ND	1.97/5.90	Pass
2-Methylbutane	5000	ND	0.525/1.58	Pass	N,N-Dimethylacetamide	1090	ND	2.50/7.49	Pass
2-Methylpentane	290	ND	0.253/0.759	Pass	N,N-Dimethylformamide	880	ND	0.393/1.18	Pass
2-Propanol	5000	ND	0.466/1.40	Pass	Pentane	5000	ND	3.63/10.9	Pass
3-Methylpentane	290	ND	0.251/0.753	Pass	Propane	5000	ND	1.71/5.13	Pass
Acetone	5000	ND	6.34/19.0	Pass	Propanol	5000	ND	5.63/16.9	Pass
Acetonitrile	410	ND	5.32/16.0	Pass	Pyridine	100	ND	0.207/0.620	Pass
Benzene	2	ND	0.221/0.662	Pass	Sulfolane	160	ND	7.35/22.0	Pass
Butane	5000	ND	0.639/1.92	Pass	Tetrahydrofuran	720	ND	0.682/2.05	Pass
Chloroform	1	ND	0.151/0.455	Pass	Toluene	890	ND	0.178/0.534	Pass
Cumene	70	ND	0.232/0.696	Pass	Trichloroethylene	1	ND	2.93/8.80	Pass
Cyclohexane	3880	ND	5.46/16.4	Pass	o-Xylene		ND	0.123/0.368	N/A
Dichloromethane	600	ND	0.315/0.945	Pass	p- and m-Xylene		ND	0.0742/0.223	N/A
Dimethyl sulfoxide	5000	ND	0.730/2.19	Pass	Total xylenes + Ethylbenzene	2170	ND		Pass

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

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Dec 10, 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	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 CA Cannabis/Hemp (Based on Submission Type) regulations.

MICR-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • Dec 10, 2025

Analyte	Limit	Amt	Pass/Fail
Aerobic Bacteria		ND	N/A

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Dec 10, 2025

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Salmonella spp.	Any amt in 1 gram	ND	Pass	Shiga toxin-producing E. coli	Any amt in 1 gram	ND	Pass

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

PCR-Staphylococcus aureus/Pseudomonas aeruginosa • Dec 10, 2025

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Pseudomonas aeruginosa		ND	N/A	Staphylococcus aureus		ND	N/A

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • Dec 11, 2025

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

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Dec 10, 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	1.94/5.88	N/A	Aflatoxin G2		ND	1.54/5.00	N/A
Aflatoxin B2		ND	2.65/8.04	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	3.91/11.9	N/A	Ochratoxin A	20	ND	4.78/14.5	Pass

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Dec 10, 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 CA Cannabis/Hemp (Based on Submission Type) regulations.

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Dec 10, 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	0.00937/0.0300	Pass
Acephate	5	ND	0.00629/0.0300	Pass	Imidacloprid	3	ND	0.0231/0.0700	Pass
Acequinocyl	4	ND	0.0280/0.0848	Pass	Kresoxim-methyl	1	ND	0.00982/0.0300	Pass
Acetamiprid	5	ND	0.00718/0.0300	Pass	Malathion	5	ND	0.00673/0.0300	Pass
Aldicarb	Any amt	ND	0.00997/0.0302	Pass	Metaxyl	15	ND	0.00467/0.0300	Pass
Azoxystrobin	40	ND	0.00400/0.0300	Pass	Methiocarb	Any amt	ND	0.00956/0.0300	Pass
Bifenazate	5	ND	0.00787/0.0300	Pass	Methomyl	0.1	ND	0.0105/0.0318	Pass
Bifenthrin	0.5	ND	0.0162/0.0490	Pass	Mevinphos	Any amt	ND	0.0133/0.0404	Pass
Boscalid	10	ND	0.0106/0.0321	Pass	Myclobutanil	9	ND	0.00963/0.0300	Pass
Carbaryl	0.5	ND	0.00614/0.0300	Pass	Naled	0.5	ND	0.0116/0.0350	Pass
Carbofuran	Any amt	ND	0.00384/0.0300	Pass	Oxamyl	0.2	ND	0.0103/0.0311	Pass
Chlorantraniliprole	40	ND	0.00657/0.0300	Pass	Paclbutrazol	Any amt	ND	0.0111/0.0337	Pass
Chlorpyrifos	Any amt	ND	0.0108/0.0327	Pass	Permethrin	20	ND	0.00396/0.0300	Pass
Clofentezine	0.5	ND	0.00595/0.0300	Pass	Phosmet	0.2	ND	0.00807/0.0300	Pass
Coumaphos	Any amt	ND	0.00712/0.0300	Pass	Piperonylbutoxide	8	ND	0.00869/0.0300	Pass
Daminozide	Any amt	ND	0.0190/0.0576	Pass	Prallethrin	0.4	ND	0.0204/0.0618	Pass
Diazinon	0.2	ND	0.0271/0.0821	Pass	Propiconazole	20	ND	0.0210/0.0637	Pass
Dichlorvos	Any amt	ND	0.0168/0.0508	Pass	Propoxur	Any amt	ND	0.00656/0.0300	Pass
Dimethoate	Any amt	ND	0.00906/0.0300	Pass	Pyrethrins	1	ND	0.00357/0.0300	Pass
Dimethomorph	20	ND	0.0102/0.0308	Pass	Pyridaben	3	ND	0.00834/0.0300	Pass
Ethoprophos	Any amt	ND	0.00586/0.0300	Pass	Spinetoram	3	ND	0.00317/0.0300	Pass
Etofenprox	Any amt	ND	0.00642/0.0300	Pass	Spinosad	3	ND	0.00302/0.0300	Pass
Etoxazole	1.5	ND	0.00498/0.0300	Pass	Spiromesifen	12	ND	0.0103/0.0311	Pass
Fenhexamid	10	ND	0.0147/0.0444	Pass	Spirotetramat	13	ND	0.00992/0.0301	Pass
Fenoxycarb	Any amt	ND	0.0111/0.0335	Pass	Spiroxamine	Any amt	ND	0.00395/0.0300	Pass
Fenpyroximate	2	ND	0.00952/0.0300	Pass	Tebuconazole	2	ND	0.0213/0.0645	Pass
Fipronil	Any amt	ND	0.00568/0.0300	Pass	Thiacloprid	Any amt	ND	0.00348/0.0300	Pass
Flonicamid	2	ND	0.0181/0.0548	Pass	Thiamethoxam	4.5	ND	0.00914/0.0300	Pass
Fludioxonil	30	ND	0.0192/0.0583	Pass	Trifloxystrobin	30	ND	0.00378/0.0300	Pass
Hexythiazox	2	ND	0.0217/0.0657	Pass					

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.


