



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	D30265-2000	Amount Per Bottle:	3.4oz
Expiration Date:	06/2028	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	2700mg / container	☒ Pass ☐ Fail
THC	UHPLC-DAD	< 0.01%	Pass	☒ Pass ☐ Fail
Arsenic	ICP-MS	≤ 1500ppb	Pass	☒ Pass ☐ Fail
Cadmium	ICP-MS	≤ 500ppb	Pass	☒ Pass ☐ Fail
Lead	ICP-MS	≤ 500ppb	Pass	☒ Pass ☐ Fail
Mercury	ICP-MS	≤ 3000ppb	Pass	☒ Pass ☐ Fail
Aflatoxin B1	LCMS	≤ 20 ppb	Pass	☒ Pass ☐ Fail
Aflatoxin G1	LCMS	≤ 20 ppb	Pass	☒ Pass ☐ Fail
Ochratoxin A	LCMS	≤ 20 ppb	Pass	☒ Pass ☐ Fail
E. Coli	USP2022	Absent	Pass	☒ Pass



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Test Performed	Method	Specification	Result	Pass/Fail
				☐ Fail
Salmonella	USP2022	Absent	Pass	☒ Pass ☐ Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	Pass	☒ Pass ☐ Fail
Listeria Monocytogenes	qPCR	Absent	NT	☐ Pass ☐ Fail
Full Pesticide Panel (see attached results for each tested)	LCMS / GCMS	See attached results for Specification of each Pesticide tested	See attached	☒ Pass ☐ Fail
Residual Solvents (see attached results for each tested)	GCMS	See attached results for Specification of each Residual Solvent tested	See attached	☒ Pass ☐ Fail

NOTES:

n/a 06/08/2026 rcg

Released:

APPROVED

By Raquel Garza at 10:24 am, Jun 08, 2026

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: Jun 05, 2026

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



Batch No.: D30265-2000
Matrix: Topical
Sample ID: ICC-260603-13-001
Collected on: Jun 03, 2026
Received on: Jun 03, 2026
Batch Size:
Sample Size:
Package Size: 110.62 g

Batch Result: Pass

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

Cannabinoid Overview

Δ ⁹ -THC:	0.000 mg/pkg
CBD:	2700 mg/pkg
Total Cannabinoids:	2770 mg/pkg
Sum of Cannabinoids:	2760 mg/pkg

POT-INST-005: POT-INST-005: Potency • Jun 03, 2026

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	0.0273/0.0818	N/A	CBT		ND	ND	0.0118/0.0413	N/A
CBD	2700	2.44	24.4	0.00834/0.0413	N/A	Δ ⁸ -THC		ND	ND	0.00668/0.0413	N/A
CBDA		ND	ND	0.0199/0.0598	N/A	Δ ⁹ -THC		ND	ND	0.0110/0.0413	N/A
CBDV	10.7	0.00969	0.0969	0.00661/0.0413	N/A	THCA		ND	ND	0.0152/0.0455	N/A
CBG	51.9	0.0469	0.469	0.00942/0.0413	N/A	THCV		ND	ND	0.00510/0.0413	N/A
CBGA		ND	ND	0.0147/0.0441	N/A	Total THC**		ND	ND		N/A
CBL		ND	ND	0.00650/0.0413	N/A	Total CBD**	2700	2.44	24.4		N/A
CBN		ND	ND	0.00942/0.0413	N/A	Total Cannabinoids**	2760	2.50	25.0		N/A

** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)
** Total THC = (THCA x 0.877) + Delta-9-THC
** Total CBD = (CBDA x 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.

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive Residual Solvents by GC-MS • Jun 04, 2026

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	8	ND	0.0473/0.141	Pass	Ethanol	5000	ND	1.51/4.53	Pass
1,2-Dichloroethane	2	ND	0.107/0.322	Pass	Ethyl acetate	400	ND	0.315/0.946	Pass
1,2-Dimethoxyethane	100	ND	0.783/2.35	Pass	Ethylbenzene	150	ND	0.470/1.41	Pass
1,4-Dioxane	380	ND	0.821/2.46	Pass	Ethylene glycol	620	ND	0.576/1.73	Pass
1-Butanol	5000	ND	0.344/1.03	Pass	Ethylene oxide	5	ND	0.501/1.50	Pass
1-Pentanol	5000	ND	0.284/0.851	Pass	Ethyl ether	500	ND	0.352/1.06	Pass
2,2-Dimethylbutane	290	ND	0.417/1.25	Pass	Heptane	5000	ND	0.306/0.917	Pass
2,3-Dimethylbutane	290	ND	0.480/1.44	Pass	Hexane	250	ND	0.465/1.40	Pass
2-Butanol	5000	ND	5.79/17.4	Pass	Isopropyl acetate	5000	ND	1.19/3.56	Pass
2-Butanone	5000	ND	1.43/4.28	Pass	Methanol	250	ND	27.3/82.0	Pass
2-Ethoxyethanol	160	ND	0.648/1.95	Pass	Methylpropane	5000	ND	2.31/6.92	Pass
2-Methylbutane	5000	ND	0.616/1.85	Pass	N,N-Dimethylacetamide	1090	ND	2.93/8.78	Pass
2-Methylpentane	290	ND	0.297/0.891	Pass	N,N-Dimethylformamide	880	ND	0.461/1.38	Pass
2-Propanol	500	8.44	0.547/1.64	Pass	Pentane	750	ND	4.26/12.8	Pass
3-Methylpentane	290	ND	0.294/0.883	Pass	Propane	5000	ND	2.00/6.01	Pass
Acetone	750	ND	7.44/22.3	Pass	Propanol	5000	ND	6.60/19.8	Pass
Acetonitrile	60	ND	6.24/18.7	Pass	Pyridine	100	ND	0.242/0.728	Pass
Benzene	1	ND	0.259/0.776	Pass	Sulfolane	160	ND	8.62/25.9	Pass
Butane	5000	ND	0.750/2.25	Pass	Tetrahydrofuran	720	ND	0.800/2.40	Pass
Chloroform	2	ND	0.178/0.533	Pass	Toluene	150	ND	0.208/0.626	Pass
Cumene	70	ND	0.272/0.816	Pass	Trichloroethylene	25	ND	3.44/10.3	Pass
Cyclohexane	3880	ND	6.40/19.2	Pass	o-Xylene	150	ND	0.144/0.432	Pass
Dichloromethane	600	ND	0.369/1.11	Pass	p- and m-Xylene	150	ND	0.0870/0.261	Pass
Dimethyl sulfoxide	5000	ND	0.856/2.57	Pass					

Compliance requirements for this test are taken from UT-FL-comprehensive Cannabis/Hemp (Based on Submission Type) regulations.

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Jun 04, 2026

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	< LOQ	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.

MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Jun 04, 2026

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 • Jun 04, 2026

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-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • Jun 04, 2026

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Aerobic Bacteria	10000	ND	Pass

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

MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • Jun 05, 2026

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Yeast & Mold	1000	ND	Pass

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



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PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Jun 04, 2026

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	1.08/3.23	N/A	Aflatoxin G2		ND	0.730/2.49	N/A
Aflatoxin B2		ND	0.933/2.80	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	2.36/7.07	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: Colorado Pesticides by GC-MS/MS • Jun 04, 2026

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
α-Endosulfan	0.353	ND	0.118/0.353	Pass	Iprodione	0.475	ND	0.158/0.475	Pass
β-Endosulfan	0.239	ND	0.0797/0.239	Pass	Kinoprene	0.221	ND	0.0738/0.221	Pass
Chlorfenapyr	0.0244	ND	0.00814/0.0244	Pass	Methyl parathion	0.0257	ND	0.00857/0.0257	Pass
Cyfluthrin	0.0384	ND	0.0128/0.0384	Pass	MGK-264	Any amt	ND		Pass
Cypermethrin	0.0525	ND	0.0175/0.0525	Pass	MGK-264 I		ND	0.00152/0.00457	N/A
Endosulfan sulfate	0.0257	ND	0.00856/0.0257	Pass	MGK-264 II		ND	0.00392/0.0118	N/A
Etridiazole	0.0441	ND	0.0147/0.0441	Pass	Quintozene	0.016	ND	0.00533/0.0160	Pass
Fenvalerate	0.402	ND	0.134/0.402	Pass					

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

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Colorado Pesticides by LC-MS/MS • Jun 04, 2026

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	0.1	ND	0.0500/0.100	Pass	Hexythiazox	0.03	ND	0.0100/0.0300	Pass
Acephate	0.03	ND	0.0100/0.0300	Pass	Imazalil	0.01	ND	0.00500/0.0100	Pass
Acequinocyl	0.075	ND	0.0200/0.0750	Pass	Imidacloprid	0.01	ND	0.00500/0.0100	Pass
Acetamiprid	0.03	ND	0.0100/0.0300	Pass	Kresoxim-methyl	0.03	ND	0.0100/0.0300	Pass
Aldicarb	0.03	ND	0.0100/0.0300	Pass	Malathion	0.01	ND	0.00500/0.0100	Pass
Allethrin	0.03	ND	0.0150/0.0300	Pass	Metaxalyl	0.01	ND	0.00500/0.0100	Pass
Atrazine	0.005	ND	0.00500/0.00500	Pass	Methiocarb	0.01	ND	0.00500/0.0100	Pass
Azadirachtin	0.05	ND	0.0300/0.0500	Pass	Methomyl	0.025	ND	0.0100/0.0250	Pass
Azoxystrobin	0.01	ND	0.00500/0.0100	Pass	Methoprene	0.05	ND	0.0250/0.0500	Pass
Benzovindiflupyr	0.005	ND	0.00500/0.00500	Pass	Mevinphos	0.025	ND	0.0100/0.0250	Pass
Bifenazate	0.01	ND	0.00500/0.0100	Pass	Myclobutanil	0.01	ND	0.00500/0.0100	Pass
Bifenthrin	0.03	ND	0.00500/0.0300	Pass	Naled	0.03	ND	0.0200/0.0300	Pass
Boscalid	0.01	ND	0.00500/0.0100	Pass	Novaluron	0.02	ND	0.0100/0.0200	Pass
Buprofezin	0.03	ND	0.0150/0.0300	Pass	Oxamyl	0.03	ND	0.0200/0.0300	Pass
Carbaryl	0.025	ND	0.0100/0.0250	Pass	Paclobutrazol	0.01	ND	0.00500/0.0100	Pass
Carbofuran	0.01	ND	0.00500/0.0100	Pass	Permethrin	0.03	ND	0.00396/0.0300	Pass
Chlorantraniliprole	0.03	ND	0.0100/0.0300	Pass	Phenothrin	0.03	ND	0.0150/0.0300	Pass
Chlorpyrifos	0.075	ND	0.0100/0.0750	Pass	Phosmet	0.03	ND	0.0200/0.0300	Pass
Clofentezine	0.01	ND	0.00500/0.0100	Pass	Piperonylbutoxide	0.03	ND	0.0100/0.0300	Pass
Clothianidin	0.01	ND	0.00500/0.0100	Pass	Pirimicarb	0.01	ND	0.00500/0.0100	Pass
Coumaphos	0.01	ND	0.00500/0.0100	Pass	Prallethrin	0.075	ND	0.0300/0.0750	Pass
Cyantraniliprole	0.01	ND	0.00500/0.0100	Pass	Propiconazole	0.03	ND	0.0100/0.0300	Pass
Cyhalothrin lambda	0.05	ND	0.0300/0.0500	Pass	Propoxur	0.01	ND	0.00500/0.0100	Pass
Cyprodinil	0.01	ND	0.00500/0.0100	Pass	Pyraclastrobin	0.01	ND	0.00500/0.0100	Pass
Daminozide	0.075	ND	0.0500/0.0750	Pass	Pyrethrins	0.03	ND	0.00357/0.0300	Pass
Amethrin	0.05	ND	0.0250/0.0500	Pass	Pyridaben	0.02	ND	0.0100/0.0200	Pass
Diazinon	0.03	ND	0.0100/0.0300	Pass	Pyriproxyfen	0.01	ND	0.00500/0.0100	Pass
Dichlorvos	0.05	ND	0.0200/0.0500	Pass	Resmethrin	0.05	ND	0.0250/0.0500	Pass
Dimethoate	0.01	ND	0.00500/0.0100	Pass	Spinetoram	0.03	ND	0.00317/0.0300	Pass
Dimethomorph	0.03	ND	0.0100/0.0300	Pass	Spinosad	0.03	ND	0.00302/0.0300	Pass
Dinotefuran	0.05	ND	0.0250/0.0500	Pass	Spirodiclofen	0.05	ND	0.0250/0.0500	Pass
Diuron	0.01	ND	0.00500/0.0100	Pass	Spiromesifen	0.03	ND	0.0100/0.0300	Pass
Dodemorph	0.02	ND	0.0100/0.0200	Pass	Spirotetramat	0.01	ND	0.00500/0.0100	Pass
Ethoprophos	0.01	ND	0.00500/0.0100	Pass	Spiroxamine	0.03	ND	0.0200/0.0300	Pass
Etofenprox	0.03	ND	0.0100/0.0300	Pass	Tebuconazole	0.01	ND	0.00500/0.0100	Pass
Etoxazole	0.03	ND	0.0100/0.0300	Pass	Tebufenozide	0.01	ND	0.00500/0.0100	Pass
Fenhexamid	0.045	ND	0.0200/0.0450	Pass	Teflubenzuron	0.02	ND	0.0100/0.0200	Pass
Fenoxycarb	0.01	ND	0.00500/0.0100	Pass	Tetrachlorvinphos	0.01	ND	0.00500/0.0100	Pass
Fenpyroximate	0.03	ND	0.0100/0.0300	Pass	Tetramethrin	0.05	ND	0.0250/0.0500	Pass
Fensulfothion	0.01	ND	0.00500/0.0100	Pass	Thiabendazole	0.01	ND	0.00500/0.0100	Pass
Fenthion	0.0068	ND	0.00227/0.00680	Pass	Thiacloprid	0.01	ND	0.00500/0.0100	Pass
Fipronil	0.01	ND	0.00500/0.0100	Pass	Thiamethoxam	0.01	ND	0.00500/0.0100	Pass
Flonicamid	0.025	ND	0.0100/0.0250	Pass	Thiophanate-methyl	0.02	ND	0.0100/0.0200	Pass
Fludioxonil	0.01	ND	0.00500/0.0100	Pass	Trifloxystrobin	0.01	ND	0.00500/0.0100	Pass
Fluopyram	0.005	ND	0.00500/0.00500	Pass					

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



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