



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 Calm Broad Spectrum CBD Gummies, Strawberry Lemonade, 25mg, 20ct	ITEM Number	M2GY0012
Lot Number	251210-56203	Amount Per Bottle:	20ct
Expiration Date:	06/2027	Storage Recommendation:	Room temperature, away from light.

PHYSICAL QUALITIES

STRENGTH	25mg CBD / gummy	COLOR	Purple
SIZE	20ct	ODOR	Fruity
ADDITIONAL INFO	n/a	FLAVOR	Strawberry Lemonade

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
L-Theanine	HPLC	≥ 125mg / gummy	179mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBD	UHPLC-DAD	≥ 25mg / gummy	31.9mg / gummy	<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 <input type="checkbox"/> Fail
Salmonella	USP2022	Absent	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/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:

na 12/18/2025 rcg

Released:

APPROVED

By Raquel Garza at 10:44 am, Dec 18, 2025

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: Dec 17, 2025

Sample: Medterra Calm Broad Spectrum CBD Gummies, Strawberry Lemonade, 25mg, 20ct (Edible Solid) • **Client:** Medterra CBD • **Batch:** Pass



Batch No.: 251210-56203
Matrix: Edible Solid
Sample ID: ICC-251215-21-001
Collected on: Dec 15, 2025
Received on: Dec 15, 2025
Batch Size:
Sample Size:
Package Size: 82.68 g
Serving Size: 4.13 g

Batch Result: Pass

Potency	Tested	Microbial	Pass
Alkaloids	Tested	Mycotoxins	Pass
Terpenes	Tested	Pesticides	Pass
Solvents	Pass	Foreign	Pass
Metals	Pass	Water Activity	Pass

Cannabinoid Overview

Δ⁹-THC:	0.000 mg/srv
CBD:	31.9 mg/srv
Total Cannabinoids:	34.7 mg/srv
Sum of Cannabinoids:	34.7 mg/srv
Sum of Terpenes:	6.25 mg/srv

POT-INST-005: POT-INST-005: Potency • Dec 16, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	0.504	10.1	0.0122	0.122	0.0271/0.0811	N/A
CBD	31.9	638	0.772	7.72	0.00827/0.0410	N/A
CBDA		ND	ND	0.0198/0.0593	N/A	N/A
CBDV	0.322	6.45	0.00780	0.0780	0.00656/0.0410	N/A
CBG		ND	ND	0.00934/0.0410	N/A	N/A
CBGA		ND	ND	0.0146/0.0438	N/A	N/A
CBL		ND	ND	0.00645/0.0410	N/A	N/A
CBN	0.562	11.2	0.0136	0.136	0.00934/0.0410	N/A

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBT	1.45	29.0	0.0351	0.351	0.0117/0.0410	N/A
Δ ⁸ -THC		ND	ND	ND	0.00663/0.0410	N/A
Δ ⁹ -THC		ND	ND	ND	0.0109/0.0410	N/A
THCA		ND	ND	ND	0.0150/0.0451	N/A
THCV		ND	ND	ND	0.00506/0.0410	N/A
Total THC**		ND	ND	ND		N/A
Total CBD**	31.9	638	0.772	7.72		N/A
Total Cannabinoids**	34.7	695	0.841	8.41		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.



L-Theanine • Dec 17, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
L-Theanine	179	3580	4.33	0.0621/0.946

Compliance requirements for this test are taken from No Compliance regulations.

TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Dec 16, 2025

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Total Terpenes	0.151	1.51	
Limonene	0.105	1.05	0.00243/0.00771
β-Pinene	0.0213	0.213	0.000594/0.00770
γ-Terpinene	0.0171	0.171	0.000738/0.00382
α-Pinene	0.00300	0.0300	0.000655/0.00381
β-Myrcene	0.00208	0.0208	0.000397/0.00387
α-Bisabolol	0.00180	0.0180	0.00169/0.00506
α-Terpineol	0.000964	0.00964	0.000397/0.00389
(-)-β-Citronellol	ND	ND	0.00349/0.0151
α-Cedrene	ND	ND	0.00104/0.00381
α-Humulene	ND	ND	0.000257/0.00381
α-Terpinene	ND	ND	0.00101/0.00381
β-Caryophyllene	ND	ND	0.00496/0.0153
β-Eudesmol	ND	ND	0.00127/0.00389
Borneol	ND	ND	0.000584/0.00389
Camphene	ND	ND	0.000508/0.00381
Camphor	ND	ND	0.00155/0.00770

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Caryophyllene Oxide	ND	ND	0.00161/0.0152
Cedrol	ND	ND	0.000988/0.00381
cis-Nerolidol	ND	ND	0.00236/0.00708
Δ ³ -Carene	ND	ND	0.000357/0.00770
Eucalyptol	ND	ND	0.00181/0.00542
Fenchol	ND	ND	0.000276/0.00382
Fenchone	ND	ND	0.000173/0.00382
Geraniol	ND	ND	0.00273/0.0153
Geranyl Acetate	ND	ND	0.000813/0.00381
Guaiol	ND	ND	0.00213/0.00639
Isoborneol	ND	ND	0.000504/0.00382
Linalool	ND	ND	0.000741/0.00389
Menthol	ND	ND	0.000824/0.00381
p-Cymene	ND	ND	0.000950/0.00390
Pulegone	ND	ND	0.00139/0.00416
Terpinolene	ND	ND	0.000524/0.00389
trans-Nerolidol	ND	ND	0.00143/0.00428

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

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive Residual Solvents by GC-MS • Dec 16, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,1-Dichloroethylene		ND	0.0397/0.119	N/A
1,2-Dichloroethane	1	ND	0.0901/0.270	Pass
1,2-Dimethoxyethane		ND	0.656/1.97	Pass
1,4-Dioxane	380	ND	0.689/2.07	Pass
1-Butanol	5000	ND	0.288/0.866	Pass
1-Pentanol	5000	ND	0.238/0.714	Pass
2,2-Dimethylbutane	290	ND	0.350/1.05	Pass
2,3-Dimethylbutane	290	ND	0.403/1.21	Pass
2-Butanol	5000	ND	4.86/14.6	Pass
2-Butanone	5000	ND	1.20/3.59	Pass
2-Ethoxyethanol	160	ND	0.544/1.63	Pass
2-Methylbutane	5000	ND	0.517/1.55	Pass
2-Methylpentane	290	ND	0.249/0.747	Pass
2-Propanol	5000	ND	0.458/1.38	Pass
3-Methylpentane	290	ND	0.247/0.741	Pass
Acetone	5000	ND	6.24/18.7	Pass
Acetonitrile	410	ND	5.24/15.7	Pass
Benzene	2	ND	0.217/0.651	Pass
Butane	5000	ND	0.629/1.89	Pass
Chloroform	1	ND	0.149/0.447	Pass
Cumene	70	ND	0.228/0.684	Pass
Cyclohexane	3880	ND	5.37/16.1	Pass
Dichloromethane	600	ND	0.310/0.929	Pass
Dimethyl sulfoxide	5000	ND	0.718/2.15	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Ethanol	5000	31.7	1.27/3.80	Pass
Ethyl acetate	5000	ND	0.264/0.793	Pass
Ethylbenzene		ND	0.394/1.18	N/A
Ethylene glycol	620	ND	0.483/1.45	Pass
Ethylene oxide	50	ND	0.420/1.26	Pass
Ethyl ether	5000	ND	0.295/0.885	Pass
Heptane	5000	ND	0.257/0.769	Pass
Hexane	290	ND	0.390/1.17	Pass
Isopropyl acetate	5000	ND	0.996/2.99	Pass
Methanol	3000	ND	22.9/68.8	Pass
Methylpropane	5000	ND	1.93/5.80	Pass
N,N-Dimethylacetamide	1090	ND	2.45/7.36	Pass
N,N-Dimethylformamide	880	ND	0.387/1.16	Pass
Pentane	5000	ND	3.57/10.7	Pass
Propane	5000	ND	1.68/5.04	Pass
Propanol	5000	ND	5.53/16.6	Pass
Pyridine	100	ND	0.203/0.610	Pass
Sulfolane	160	ND	7.23/21.7	Pass
Tetrahydrofuran	720	ND	0.671/2.01	Pass
Toluene	890	ND	0.175/0.525	Pass
Trichloroethylene	1	ND	2.88/8.65	Pass
o-Xylene		ND	0.121/0.362	N/A
p- and m-Xylene		ND	0.0730/0.219	N/A
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 16, 2025

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	< LOQ	0.00100/0.00400	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-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Dec 16, 2025

Analyte	Limit	Amt	Pass/Fail
Salmonella spp.	Any amt in 1 gram	ND	Pass

Analyte	Limit	Amt	Pass/Fail
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 16, 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-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • Dec 17, 2025

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Aerobic Bacteria	10000	200	Pass

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

MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • Dec 17, 2025

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.

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Dec 17, 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	2.60/7.88	N/A	Aflatoxin G2		ND	1.89/5.72	N/A
Aflatoxin B2		ND	2.04/6.18	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	2.97/8.99	N/A	Ochratoxin A	20	ND	3.87/11.7	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 17, 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 17, 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	0.0156/0.0474	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Imidacloprid	3	ND	0.0235/0.0711	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Kresoxim-methyl	1	ND	0.0125/0.0379	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Malathion	5	ND	0.0117/0.0354	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Metalaxyl	15	ND	0.0101/0.0306	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Boscalid	10	ND	0.0197/0.0596	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Paclobotrazol	Any amt	ND	0.0132/0.0400	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Diazinon	0.2	ND	0.00645/0.0300	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
Dimethomorph	20	ND	0.0137/0.0416	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Spinosad	3	ND	0.00410/0.0300	Pass
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Flonicamid	2	ND	0.0268/0.0811	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Fludioxonil	30	ND	0.0153/0.0464	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass
Hexythiazox	2	ND	0.0257/0.0778	Pass					

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

Water Activity by Water Activity Meter • Dec 16, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.593	Pass

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

