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	260910-56203-20	**Amount Per Bottle:**	20ct
Expiration Date:	03/2028	**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	131mg / gummy	☒ Pass ☐ Fail
CBD	UHPLC-DAD	≥ 25mg / gummy	28.2mg / gummy	☒ 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 ☐ Fail
Salmonella	USP2022	Absent	Pass	☒ Pass ☐ Fail

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Test Performed	Method	Specification	Result	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:

na 09/18/2026 rcg

Released:

APPROVED
By Raquel Garza at 12:30 pm, Sep 18, 2026

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: Sep 18, 2026

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



Batch No.: 260910-56203-20
Matrix: Edible Solid
Sample ID: ICC-260914-10-001
Collected on: Sep 14, 2026
Received on: Sep 14, 2026
Batch Size:
Sample Size:
Package Size: 80.19 g
Serving Size: 4.01 g

Batch Result: Pass

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

Cannabinoid Overview

Δ^9-THC:	**0.000 mg/srv**
CBD:	**28.2 mg/srv**
Total Cannabinoids:	**30.6 mg/srv**
Sum of Cannabinoids:	**30.5 mg/srv**
L-Theanine:	**131 mg/srv**

POT-INST-005: POT-INST-005: Potency • Sep 15, 2026

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	0.513	10.3	0.0128	0.128	0.00308/0.00924	N/A
CBD	28.2	565	0.704	7.04	0.000942/0.00467	N/A
CBDA			ND	ND	0.00225/0.00675	N/A
CBDV	0.122	2.45	0.00305	0.0305	0.000747/0.00467	N/A
CBG	1.68	33.6	0.0419	0.419	0.00106/0.00467	N/A
CBGA			ND	ND	0.00166/0.00499	N/A
CBL			ND	ND	0.000735/0.00467	N/A
CBN			ND	ND	0.00106/0.00467	N/A

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBT			ND	ND	0.00134/0.00467	N/A
Δ^8-THC			ND	ND	0.000755/0.00467	N/A
Δ^9-THC			ND	ND	0.00125/0.00467	N/A
THCA			ND	ND	0.00171/0.00514	N/A
THCV			ND	ND	0.000576/0.00467	N/A
Total THC**			ND	ND		N/A
Total CBD**	28.2	565	0.704	7.04		N/A
Total Cannabinoids**	30.5	611	0.762	7.62		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.

https://lims.tagleaf.com/coa_/VPjA5UvDzz

Results Certified By: David Marelius PhD
CSO, Infinite Chemical Analysis Labs, CA
Sep 18, 2026

Results Certified By: Erik Paulson PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Sep 18, 2026

L-Theanine • Sep 17, 2026

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
L-Theanine	131	2610	3.26	0.0615/0.937

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

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive Residual Solvents by GC-MS • Sep 16, 2026

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,1-Dichloroethylene	8	ND	0.0420/0.126	Pass
1,2-Dichloroethane	2	ND	0.0954/0.286	Pass
1,2-Dimethoxyethane	100	ND	0.695/2.08	Pass
1,4-Dioxane	380	ND	0.729/2.19	Pass
1-Butanol	5000	ND	0.305/0.917	Pass
1-Pentanol	5000	ND	0.252/0.756	Pass
2,2-Dimethylbutane	290	ND	0.370/1.11	Pass
2,3-Dimethylbutane	290	ND	0.426/1.28	Pass
2-Butanol	5000	ND	5.14/15.4	Pass
2-Butanone	5000	ND	1.27/3.81	Pass
2-Ethoxyethanol	160	ND	0.576/1.73	Pass
2-Methylbutane	5000	ND	0.547/1.64	Pass
2-Methylpentane	290	ND	0.263/0.791	Pass
2-Propanol	500	ND	0.485/1.46	Pass
3-Methylpentane	290	ND	0.261/0.784	Pass
Acetone	750	ND	6.61/19.8	Pass
Acetonitrile	60	ND	5.54/16.6	Pass
Benzene	1	ND	0.230/0.689	Pass
Butane	5000	ND	0.666/2.00	Pass
Chloroform	2	ND	0.158/0.474	Pass
Cumene	70	ND	0.242/0.725	Pass
Cyclohexane	3880	ND	5.69/17.1	Pass
Dichloromethane	600	ND	0.328/0.984	Pass
Dimethyl sulfoxide	5000	ND	0.760/2.28	Pass
Ethanol	5000	14.2	1.34/4.02	Pass
Ethyl acetate	400	ND	0.280/0.840	Pass
Ethylbenzene	150	ND	0.418/1.25	Pass
Ethylene glycol	620	ND	0.511/1.53	Pass
Ethylene oxide	5	ND	0.445/1.33	Pass
Ethyl ether	500	ND	0.312/0.937	Pass
Heptane	5000	ND	0.272/0.815	Pass
Hexane	250	ND	0.413/1.24	Pass
Isopropyl acetate	5000	ND	1.05/3.17	Pass
Methanol	250	ND	24.3/72.8	Pass
Methylpropane	5000	ND	2.05/6.15	Pass
N,N-Dimethylacetamide	1090	ND	2.60/7.80	Pass
N,N-Dimethylformamide	880	ND	0.410/1.23	Pass
Pentane	750	ND	3.78/11.4	Pass
Propane	5000	ND	1.78/5.34	Pass
Propanol	5000	ND	5.86/17.6	Pass
Pyridine	100	ND	0.215/0.646	Pass
Sulfolane	160	ND	7.65/23.0	Pass
Tetrahydrofuran	720	ND	0.711/2.13	Pass
Toluene	150	ND	0.185/0.556	Pass
Trichloroethylene	25	ND	3.05/9.16	Pass
o-Xylene	150	ND	0.128/0.384	Pass
p- and m-Xylene	150	ND	0.0773/0.232	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 • Sep 16, 2026

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	< LOQ	0.00300/0.00900	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass
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) • Sep 16, 2026

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 • Sep 16, 2026

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 • Sep 17, 2026

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Aerobic Bacteria	10000	90.0	Pass

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

MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • Sep 17, 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.

https://lims.tagleaf.com/coa_/VPjA5UvDzz

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CSO, Infinite Chemical Analysis Labs, CA
Sep 18, 2026

Results Certified By: Erik Paulson PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Sep 18, 2026

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Sep 17, 2026

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	1.07/3.20	N/A
Aflatoxin B2		ND	0.926/2.78	N/A
Aflatoxin G1		ND	2.34/7.02	N/A
Aflatoxin G2		ND	0.724/2.47	N/A
Aflatoxins	20	ND		Pass
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: Colorado Pesticides by GC-MS/MS • Sep 18, 2026

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
α-Endosulfan	0.353	ND	0.118/0.353	Pass
β-Endosulfan	0.239	ND	0.0797/0.239	Pass
Chlorfenapyr	0.0244	ND	0.00814/0.0244	Pass
Cyfluthrin	0.0384	ND	0.0128/0.0384	Pass
Cypermethrin	0.0525	ND	0.0175/0.0525	Pass
Endosulfan sulfate	0.0257	ND	0.00856/0.0257	Pass
Etridiazole	0.0441	ND	0.0147/0.0441	Pass
Fenvalerate	0.402	ND	0.134/0.402	Pass
Iprodione	0.475	ND	0.158/0.475	Pass
Kinoprene	0.221	ND	0.0738/0.221	Pass
Methyl parathion	0.0257	ND	0.00857/0.0257	Pass
MGK-264	Any amt	ND		Pass
MGK-264 I		ND	0.00152/0.00457	N/A
MGK-264 II		ND	0.00392/0.0118	N/A
Quintozene	0.016	ND	0.00533/0.0160	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 • Sep 17, 2026

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.1	ND	0.0500/0.100	Pass
Acephate	0.03	ND	0.0100/0.0300	Pass
Acequinocyl	0.075	ND	0.0200/0.0750	Pass
Acetamiprid	0.03	ND	0.0100/0.0300	Pass
Aldicarb	0.03	ND	0.0100/0.0300	Pass
Allethrin	0.03	ND	0.0150/0.0300	Pass
Atrazine	0.005	ND	0.00500/0.00500	Pass
Azadirachtin	0.05	ND	0.0300/0.0500	Pass
Azoxystrobin	0.01	ND	0.00500/0.0100	Pass
Benzovindiflupyr	0.005	ND	0.00500/0.00500	Pass
Bifenazate	0.01	ND	0.00500/0.0100	Pass
Bifenthrin	0.03	ND	0.00500/0.0300	Pass
Boscalid	0.01	ND	0.00500/0.0100	Pass
Buprofezin	0.03	ND	0.0150/0.0300	Pass
Carbaryl	0.025	ND	0.0100/0.0250	Pass
Carbofuran	0.01	ND	0.00500/0.0100	Pass
Chlorantraniliprole	0.03	ND	0.0100/0.0300	Pass
Chlorpyrifos	0.075	ND	0.0100/0.0750	Pass
Clofentezine	0.01	ND	0.00500/0.0100	Pass
Clothianidin	0.01	ND	0.00500/0.0100	Pass
Coumaphos	0.01	ND	0.00500/0.0100	Pass
Cyantraniliprole	0.01	ND	0.00500/0.0100	Pass
Cyhalothrin lambda	0.05	ND	0.0300/0.0500	Pass
Cyprodinil	0.01	ND	0.00500/0.0100	Pass
Daminozide	0.075	ND	0.0500/0.0750	Pass
Δmethrin	0.05	ND	0.0250/0.0500	Pass
Diazinon	0.03	ND	0.0100/0.0300	Pass
Dichlorvos	0.05	ND	0.0200/0.0500	Pass
Dimethoate	0.01	ND	0.00500/0.0100	Pass
Dimethomorph	0.03	ND	0.0100/0.0300	Pass
Dinotefuran	0.05	ND	0.0250/0.0500	Pass
Diuron	0.01	ND	0.00500/0.0100	Pass
Dodemorph	0.02	ND	0.0100/0.0200	Pass
Ethoprophos	0.01	ND	0.00500/0.0100	Pass
Etofenprox	0.03	ND	0.0100/0.0300	Pass
Etoxazole	0.03	ND	0.0100/0.0300	Pass
Fenhexamid	0.045	ND	0.0200/0.0450	Pass
Fenoxycarb	0.01	ND	0.00500/0.0100	Pass
Fenpyroximate	0.03	ND	0.0100/0.0300	Pass
Fensulfothion	0.01	ND	0.00500/0.0100	Pass
Fenthion	0.0068	ND	0.00227/0.00680	Pass
Fipronil	0.01	ND	0.00500/0.0100	Pass
Flonicamid	0.025	ND	0.0100/0.0250	Pass
Fludioxonil	0.01	ND	0.00500/0.0100	Pass
Fluopyram	0.005	ND	0.00500/0.00500	Pass
Hexythiazox	0.03	ND	0.0100/0.0300	Pass
Imazalil	0.01	ND	0.00500/0.0100	Pass
Imidacloprid	0.01	ND	0.00500/0.0100	Pass
Kresoxim-methyl	0.03	ND	0.0100/0.0300	Pass
Malathion	0.01	ND	0.00500/0.0100	Pass
Metalaxyl	0.01	ND	0.00500/0.0100	Pass
Methiocarb	0.01	ND	0.00500/0.0100	Pass
Methomyl	0.025	ND	0.0100/0.0250	Pass
Methoprene	0.05	ND	0.0250/0.0500	Pass
Mevinphos	0.025	ND	0.0100/0.0250	Pass
Myclobutanil	0.01	ND	0.00500/0.0100	Pass
Naled	0.03	ND	0.0200/0.0300	Pass
Novaluron	0.02	ND	0.0100/0.0200	Pass
Oxamyl	0.03	ND	0.0200/0.0300	Pass
Paclobutrazol	0.01	ND	0.00500/0.0100	Pass
Permethrin	0.03	ND	0.00831/0.0300	Pass
Phenothrin	0.03	ND	0.0150/0.0300	Pass
Phosmet	0.03	ND	0.0200/0.0300	Pass
Piperonylbutoxide	0.03	ND	0.0100/0.0300	Pass
Pirimicarb	0.01	ND	0.00500/0.0100	Pass
Prallethrin	0.075	ND	0.0300/0.0750	Pass
Propiconazole	0.03	ND	0.0100/0.0300	Pass
Propoxur	0.01	ND	0.00500/0.0100	Pass
Pyraclostrobin	0.01	ND	0.00500/0.0100	Pass
Pyrethrins	0.03	ND	0.00431/0.0300	Pass
Pyridaben	0.02	ND	0.0100/0.0200	Pass
Pyriproxyfen	0.01	ND	0.00500/0.0100	Pass
Resmethrin	0.05	ND	0.0250/0.0500	Pass
Spinetoram	0.03	ND	0.00639/0.0300	Pass
Spinosad	0.03	ND	0.00410/0.0300	Pass
Spirodiclofen	0.05	ND	0.0250/0.0500	Pass
Spiromesifen	0.03	ND	0.0100/0.0300	Pass
Spirotetramat	0.01	ND	0.00500/0.0100	Pass
Spiroxamine	0.03	ND	0.0200/0.0300	Pass
Tebuconazole	0.01	ND	0.00500/0.0100	Pass
Tebufenozide	0.01	ND	0.00500/0.0100	Pass
Teflubenzuron	0.02	ND	0.0100/0.0200	Pass
Tetrachlorvinphos	0.01	ND	0.00500/0.0100	Pass
Tetramethrin	0.05	ND	0.0250/0.0500	Pass
Thiabendazole	0.01	ND	0.00500/0.0100	Pass
Thiacloprid	0.01	ND	0.00500/0.0100	Pass
Thiamethoxam	0.01	ND	0.00500/0.0100	Pass
Thiophanate-methyl	0.02	ND	0.0100/0.0200	Pass
Trifloxystrobin	0.01	ND	0.00500/0.0100	Pass

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

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https://lims.tagleaf.com/coa_/VPjA5UvDzz

Water Activity by Water Activity Meter • Sep 15, 2026

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.599	Pass

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

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