



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 Full Spectrum Sound Asleep Gummy, Blackberry, 50mgCBD/5mgTHC, 5ct	ITEM Number	M2GY0018
Lot Number	251024-58209-05	Amount Per Bottle:	5ct
Expiration Date:	04/2027	Storage Recommendation:	Room Temperature, away from light

PHYSICAL QUALITIES

STRENGTH	50mgCBD/5mgTHC / gummy	COLOR	Purple
SIZE	5ct	ODOR	Fruity
ADDITIONAL INFO	n/a	FLAVOR	Blackberry

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	≥ 100mg / gummy	101mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBD	UHPLC - DAD	≥ 50mg / gummy	56.2mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	UHPLC - DAD	≥ 5mg / gummy	5.8mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Additional Minor Cannabinoids**	UHPLC - DAD	≥ 3mg / gummy	8.42mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	≥ 3mg / gummy	3mg / gummy	<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



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Test Performed	Method	Specification	Result	Pass/Fail
				<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
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 12/11/2025 rcg

Released:

APPROVED

By Raquel Garza at 9:25 am, Dec 11, 2025

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: Dec 10, 2025

Sample: Medterra Full Spectrum Sound Asleep Gummy, Blackberry, 50mgCBD/5mgTHC, 5ct (Edible Solid) • Client: Medterra CBD • Batch: Pass



Batch No.: 251024-58209-05
Matrix: Edible Solid
Sample ID: ICC-251205-16-001
Collected on: Dec 05, 2025
Received on: Dec 05, 2025
Batch Size:
Sample Size:
Package Size: 22.30 g
Serving Size: 4.46 g

Batch Result: Pass

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

Cannabinoid Overview

Δ⁹-THC:	5.80 mg/srv
CBD:	56.2 mg/srv
Total Cannabinoids:	70.5 mg/srv
Sum of Cannabinoids:	70.7 mg/srv
Sum of Terpenes:	1.42 mg/srv

POT-INST-005: POT-INST-005: Potency • Dec 08, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	2.78	13.9	0.0624	0.624	0.0272/0.0817	N/A
CBD	56.2	281	1.26	12.6	0.00833/0.0413	N/A
CBDA			ND	ND	0.0199/0.0597	N/A
CBDV	0.251	1.26	0.00563	0.0563	0.00660/0.0413	N/A
CBG	4.09	20.4	0.0916	0.916	0.00940/0.0413	N/A
CBGA			ND	ND	0.0147/0.0441	N/A
CBL			ND	ND	0.00650/0.0413	N/A
CBN	1.55	7.76	0.0348	0.348	0.00940/0.0413	N/A

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBT			ND	ND	0.0118/0.0413	N/A
Δ ⁸ -THC			ND	ND	0.00668/0.0413	N/A
Δ ⁹ -THC	5.80	29.0	0.130	1.30	0.0110/0.0413	N/A
THCA			ND	ND	0.0151/0.0454	N/A
THCV			ND	ND	0.00510/0.0413	N/A
Total THC**	5.80	29.0	0.130	1.30		N/A
Total CBD**	56.2	281	1.26	12.6		N/A
Total Cannabinoids**	70.7	353	1.58	15.8		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 09, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
L-Theanine	101	504	2.26	0.0599/0.913

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

SUPP-006: SUPP-006: Melatonin • Dec 08, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Melatonin	3.00	15.0	0.0673	0.00797/0.0888

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

TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Dec 08, 2025

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Total Terpenes	0.0319	0.319	
Limonene	0.0311	0.311	0.00237/0.00752
α-Terpineol	0.000767	0.00767	0.000388/0.00380
(-)-β-Citronellol	ND	ND	0.00340/0.0147
α-Bisabolol	ND	ND	0.00165/0.00494
α-Cedrene	ND	ND	0.00102/0.00372
α-Humulene	ND	ND	0.000250/0.00372
α-Pinene	ND	ND	0.000638/0.00372
α-Terpinene	ND	ND	0.000981/0.00372
β-Caryophyllene	ND	ND	0.00484/0.0150
β-Eudesmol	ND	ND	0.00124/0.00380
β-Myrcene	ND	ND	0.000387/0.00377
β-Pinene	ND	ND	0.000580/0.00751
Borneol	ND	ND	0.000570/0.00380
Camphene	ND	ND	0.000495/0.00372
Camphor	ND	ND	0.00151/0.00751
Caryophyllene Oxide	ND	ND	0.00157/0.0148

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

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Cedrol	ND	ND	0.000963/0.00372
cis-Nerolidol	ND	ND	0.00230/0.00690
Δ ³ -Carene	ND	ND	0.000348/0.00751
Eucalyptol	ND	ND	0.00176/0.00528
Fenchol	ND	ND	0.000269/0.00373
Fenchone	ND	ND	0.000169/0.00372
γ-Terpinene	ND	ND	0.000720/0.00373
Geraniol	ND	ND	0.00266/0.0150
Geranyl Acetate	ND	ND	0.000793/0.00372
Guaiol	ND	ND	0.00208/0.00623
Isoborneol	ND	ND	0.000492/0.00372
Linalool	ND	ND	0.000723/0.00379
Menthol	ND	ND	0.000804/0.00372
p-Cymene	ND	ND	0.000927/0.00380
Pulegone	ND	ND	0.00135/0.00405
Terpinolene	ND	ND	0.000511/0.00380
trans-Nerolidol	ND	ND	0.00139/0.00417

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive Residual Solvents by GC-MS • Dec 08, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,1-Dichloroethylene		ND	0.0409/0.122	N/A
1,2-Dichloroethane	1	ND	0.0929/0.278	Pass
1,2-Dimethoxyethane	100	ND	0.676/2.03	Pass
1,4-Dioxane	380	ND	0.710/2.13	Pass
1-Butanol	5000	ND	0.297/0.893	Pass
1-Pentanol	5000	ND	0.245/0.736	Pass
2,2-Dimethylbutane	290	ND	0.360/1.08	Pass
2,3-Dimethylbutane	290	ND	0.415/1.24	Pass
2-Butanol	5000	ND	5.01/15.0	Pass
2-Butanone	5000	ND	1.23/3.70	Pass
2-Ethoxyethanol	160	ND	0.560/1.68	Pass
2-Methylbutane	5000	ND	0.533/1.60	Pass
2-Methylpentane	290	ND	0.256/0.770	Pass
2-Propanol	5000	ND	0.473/1.42	Pass
3-Methylpentane	290	ND	0.254/0.763	Pass
Acetone	5000	ND	6.43/19.3	Pass
Acetonitrile	410	ND	5.40/16.2	Pass
Benzene	2	ND	0.224/0.671	Pass
Butane	5000	ND	0.648/1.94	Pass
Chloroform	1	ND	0.153/0.461	Pass
Cumene	70	ND	0.235/0.705	Pass
Cyclohexane	3880	ND	5.54/16.6	Pass
Dichloromethane	600	ND	0.319/0.958	Pass
Dimethyl sulfoxide	5000	ND	0.740/2.22	Pass

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

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Ethanol	5000	< LOQ	1.30/3.91	Pass
Ethyl acetate	5000	ND	0.273/0.818	Pass
Ethylbenzene		ND	0.406/1.22	N/A
Ethylene glycol	620	ND	0.498/1.49	Pass
Ethylene oxide	50	ND	0.433/1.30	Pass
Ethyl ether	5000	ND	0.304/0.912	Pass
Heptane	5000	ND	0.265/0.793	Pass
Hexane	290	ND	0.402/1.21	Pass
Isopropyl acetate	5000	ND	1.03/3.08	Pass
Methanol	3000	ND	23.6/70.9	Pass
Methylpropane	5000	ND	1.99/5.98	Pass
N,N-Dimethylacetamide	1090	ND	2.53/7.59	Pass
N,N-Dimethylformamide	880	ND	0.399/1.20	Pass
Pentane	5000	ND	3.68/11.0	Pass
Propane	5000	ND	1.73/5.20	Pass
Propanol	5000	ND	5.70/17.1	Pass
Pyridine	100	ND	0.210/0.629	Pass
Sulfolane	160	ND	7.45/22.4	Pass
Tetrahydrofuran	720	ND	0.692/2.08	Pass
Toluene	890	ND	0.180/0.541	Pass
Trichloroethylene	1	ND	2.97/8.92	Pass
o-Xylene		ND	0.125/0.374	N/A
p- and m-Xylene		ND	0.0752/0.226	N/A
Total xylenes + Ethylbenzene	2170	ND		Pass

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Dec 08, 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

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

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



MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Dec 08, 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 08, 2025

Analyte	Limit	Amt (CFU/g)	Pass/Fail	Analyte	Limit	Amt (CFU/g)	Pass/Fail
Pseudomonas aeruginosa		ND	N/A	Staphylococcus aureus		ND	N/A

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

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

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Aerobic Bacteria	10000	100	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 10, 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 08, 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 08, 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 08, 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 08, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.609	Pass

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

