



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 High Potency Sleep Gummy, Blackberry, 50mgCBD/5mgTHC, 20ct	ITEM Number	M2GY0009
Lot Number	260105-56209	Amount Per Bottle:	20ct
Expiration Date:	07/2027	Storage Recommendation:	Room Temperature, away from light

PHYSICAL QUALITIES

STRENGTH	50mgCBD/5mgTHC / gummy	COLOR	Purple
SIZE	20ct	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	100mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBD	UHPLC - DAD	≥ 50mg / gummy	68.5mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	UHPLC - DAD	≥ 5mg / gummy	5.24mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Additional Minor Cannabinoids**	UHPLC - DAD	≥ 3mg / gummy	8.08mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	≥ 3mg / gummy	3.05mg / 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 01/20/2026 rcg

Released:

APPROVED

By Raquel Garza at 12:04 pm, Jan 20, 2026

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: Jan 19, 2026

Sample: Medterra Full Spectrum Sound Asleep High Potency Sleep Gummy, Blackberry, 50mgCBD/5mgTHC,20ct (Edible Solid) • **Client:** Medterra CBD • **Batch:** Pass



Batch No.: 260105-56209
Matrix: Edible Solid
Sample ID: ICC-260114-15-001
Collected on: Jan 14, 2026
Received on: Jan 14, 2026
Batch Size:
Sample Size:
Package Size: 89.53 g
Serving Size: 4.48 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:	5.24 mg/srv
CBD:	68.5 mg/srv
Total Cannabinoids:	83.3 mg/srv
Sum of Cannabinoids:	83.2 mg/srv
Sum of Terpenes:	1.63 mg/srv

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

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	2.72	54.4	0.0608	0.608	0.0274/0.0823	N/A	CBT	0.932	18.6	0.0208	0.208	0.0119/0.0416	N/A
CBD	68.5	1370	1.53	15.3	0.00838/0.0416	N/A	Δ ⁸ -THC			ND	ND	0.00672/0.0416	N/A
CBDA			ND	ND	0.0201/0.0601	N/A	Δ ⁹ -THC	5.24	105	0.117	1.17	0.0111/0.0416	N/A
CBDV	0.386	7.71	0.00861	0.0861	0.00665/0.0416	N/A	THCA			ND	ND	0.0153/0.0458	N/A
CBG	3.88	77.4	0.0865	0.865	0.00947/0.0416	N/A	THCV			ND	ND	0.00513/0.0416	N/A
CBGA			ND	ND	0.0148/0.0444	N/A	Total THC**	5.24	105	0.117	1.17		N/A
CBL			ND	ND	0.00654/0.0416	N/A	Total CBD**	68.5	1370	1.53	15.3		N/A
CBN	1.48	29.6	0.0331	0.331	0.00947/0.0416	N/A	Total Cannabinoids**	83.2	1660	1.86	18.6		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.



L-Theanine • Jan 16, 2026

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
L-Theanine	100	2010	2.24	0.0600/0.914

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

SUPP-006: SUPP-006: Melatonin • Jan 16, 2026

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Melatonin	3.05	61.0	0.0681	0.00802/0.0894

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 • Jan 19, 2026

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Total Terpenes	0.0364	0.364	
Limonene	0.0357	0.357	0.00244/0.00774
α-Terpeneol	0.000749	0.00749	0.000399/0.00391
(-)-β-Citronellol	ND	ND	0.00350/0.0151
α-Bisabolol	ND	ND	0.00169/0.00508
α-Cedrene	ND	ND	0.00104/0.00383
α-Humulene	ND	ND	0.000258/0.00382
α-Pinene	ND	ND	0.000657/0.00383
α-Terpinene	ND	ND	0.00101/0.00382
β-Caryophyllene	ND	ND	0.00498/0.0154
β-Eudesmol	ND	ND	0.00127/0.00391
β-Myrcene	ND	ND	0.000398/0.00388
β-Pinene	ND	ND	0.000597/0.00773
Borneol	ND	ND	0.000586/0.00391
Camphene	ND	ND	0.000510/0.00383
Camphor	ND	ND	0.00156/0.00773
Caryophyllene Oxide	ND	ND	0.00162/0.0152

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	0.000991/0.00383
cis-Nerolidol	ND	ND	0.00237/0.00710
Δ ³ -Carene	ND	ND	0.000358/0.00773
Eucalyptol	ND	ND	0.00181/0.00544
Fenchol	ND	ND	0.000277/0.00383
Fenchone	ND	ND	0.000174/0.00383
γ-Terpinene	ND	ND	0.000741/0.00384
Geraniol	ND	ND	0.00274/0.0154
Geranyl Acetate	ND	ND	0.000816/0.00382
Guaiol	ND	ND	0.00214/0.00641
Isoborneol	ND	ND	0.000506/0.00383
Linalool	ND	ND	0.000744/0.00390
Menthol	ND	ND	0.000827/0.00382
p-Cymene	ND	ND	0.000954/0.00391
Pulegone	ND	ND	0.00139/0.00417
Terpinolene	ND	ND	0.000526/0.00391
trans-Nerolidol	ND	ND	0.00143/0.00429

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive Residual Solvents by GC-MS • Jan 15, 2026

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,1-Dichloroethylene	8	ND	0.0394/0.118	Pass
1,2-Dichloroethane	2	ND	0.0896/0.268	Pass
1,2-Dimethoxyethane	100	ND	0.653/1.96	Pass
1,4-Dioxane	380	ND	0.685/2.05	Pass
1-Butanol	5000	ND	0.287/0.861	Pass
1-Pentanol	5000	ND	0.237/0.710	Pass
2,2-Dimethylbutane	290	ND	0.348/1.04	Pass
2,3-Dimethylbutane	290	ND	0.400/1.20	Pass
2-Butanol	5000	ND	4.83/14.5	Pass
2-Butanone	5000	ND	1.19/3.57	Pass
2-Ethoxyethanol	160	ND	0.541/1.62	Pass
2-Methylbutane	5000	ND	0.514/1.54	Pass
2-Methylpentane	290	ND	0.247/0.743	Pass
2-Propanol	500	ND	0.456/1.37	Pass
3-Methylpentane	290	ND	0.245/0.736	Pass
Acetone	750	ND	6.20/18.6	Pass
Acetonitrile	60	ND	5.21/15.6	Pass
Benzene	1	ND	0.216/0.647	Pass
Butane	5000	ND	0.625/1.88	Pass
Chloroform	2	ND	0.148/0.445	Pass
Cumene	70	ND	0.227/0.680	Pass
Cyclohexane	3880	ND	5.34/16.0	Pass
Dichloromethane	600	ND	0.308/0.924	Pass
Dimethyl sulfoxide	5000	ND	0.713/2.14	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Ethanol	5000	ND	1.26/3.77	Pass
Ethyl acetate	400	ND	0.263/0.789	Pass
Ethylbenzene	150	ND	0.392/1.18	Pass
Ethylene glycol	620	ND	0.480/1.44	Pass
Ethylene oxide	5	ND	0.418/1.25	Pass
Ethyl ether	500	ND	0.293/0.880	Pass
Heptane	5000	ND	0.255/0.765	Pass
Hexane	250	ND	0.388/1.16	Pass
Isopropyl acetate	5000	ND	0.991/2.97	Pass
Methanol	250	ND	22.8/68.4	Pass
Methylpropane	5000	ND	1.92/5.77	Pass
N,N-Dimethylacetamide	1090	ND	2.44/7.32	Pass
N,N-Dimethylformamide	880	ND	0.385/1.15	Pass
Pentane	750	ND	3.55/10.7	Pass
Propane	5000	ND	1.67/5.01	Pass
Propanol	5000	ND	5.50/16.5	Pass
Pyridine	100	ND	0.202/0.607	Pass
Sulfolane	160	ND	7.19/21.6	Pass
Tetrahydrofuran	720	ND	0.667/2.00	Pass
Toluene	150	ND	0.174/0.522	Pass
Trichloroethylene	25	ND	2.87/8.60	Pass
o-Xylene	150	ND	0.120/0.360	Pass
p- and m-Xylene	150	ND	0.0726/0.218	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 • Jan 15, 2026

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	ND	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) • Jan 15, 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 • Jan 15, 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 • Jan 16, 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 • Jan 16, 2026

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Yeast & Mold	1000	100	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 • Jan 16, 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	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 • Jan 16, 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
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 • Jan 16, 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	0.3	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 • Jan 15, 2026

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.429	Pass

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

