



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	250501-56209	Amount Per Bottle:	20ct
Expiration Date:	11/2026	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	131mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBD	UHPLC - DAD	≥ 50mg / gummy	55.1mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	UHPLC - DAD	≥ 5mg / gummy	6.35mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Additional Minor Cannabinoids**	UHPLC - DAD	≥ 3mg / gummy	6.22mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	≥ 3mg / gummy	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



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Test Performed	Method	Specification	Result	Pass/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 05/14/2025 rcg

Released:

APPROVED

By Raquel Garza at 2:24 pm, May 14, 2025

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: May 14, 2025

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



Batch No.: 250501-56209
Matrix: Edible Solid
Sample ID: ICC-250507-14-001
Collected on: May 07, 2025
Received on: May 07, 2025
Batch Size:
Sample Size:
Received By: Stephanie Paule
Package Size: 88.84 g
Serving Size: 4.44 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

Δ ⁹ -THC:	6.35 mg/srv
CBD:	55.1 mg/srv
Total Cannabinoids:	70.2 mg/srv
Sum of Cannabinoids:	70.2 mg/srv
Sum of Terpenes:	0.000 mg/srv

POT-INST-005: POT-INST-005: Potency

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
CBC	0.0539 %	0.54 mg/g	0.0282/0.0844	N/A	Total THC**	0.143 %	1.4 mg/g		N/A
CBD	1.24 %	12 mg/g	0.00861/0.0427	N/A	Total CBD**	1.24 %	12 mg/g		N/A
CBDA	ND	ND	0.0206/0.0617	N/A	CBD/Srv	55.1 mg			N/A
CBDV	0.00479 %	0.048 mg/g	0.00683/0.0427	N/A	Δ ⁹ -THC/Srv	6.35 mg			N/A
CBG	0.0588 %	0.59 mg/g	0.00972/0.0427	N/A	Total THC/Srv**	6.35 mg			N/A
CBGA	ND	ND	0.0152/0.0456	N/A	Total CBD/Srv**	55.1 mg			N/A
CBL	ND	ND	0.00671/0.0427	N/A	CBD/Pkg	1100 mg			N/A
CBN	0.0269 %	0.27 mg/g	0.00972/0.0427	N/A	Δ ⁹ -THC/Pkg	127 mg			N/A
CBT	0.0533 %	0.53 mg/g	0.0122/0.0427	N/A	Total THC/Pkg**	127 mg			N/A
Δ ⁸ -THC	ND	ND	0.00690/0.0427	N/A	Total CBD/Pkg**	1100 mg			N/A
Δ ⁹ -THC	0.143 %	1.4 mg/g	0.0114/0.0427	N/A	Total Cannabinoids**	1.58 %	16 mg/g		N/A
THCA	ND	ND	0.0157/0.0470	N/A	Total Cannabinoids/Pkg**	1400 mg			N/A
THCV	ND	ND	0.00527/0.0427	N/A	Total Cannabinoids/Srv**	70.2 mg			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 • May 12, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Pass/Fail
L-Theanine	131	2630	2.96	0.0599/0.912	N/A
Compliance requirements for this test are taken from No Compliance regulations.					

SUPP-006: SUPP-006: Melatonin • May 14, 2025

Analyte	Limit	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Pass/Fail
Melatonin		2.88	57.7	0.0649	0.00823/0.0918	N/A
Compliance requirements for this test are taken from California Cannabis regulations.						

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

Analyte	Amt (%)	Amt	LOD/LOQ (mg/g)
Total Terpenes	ND	ND	
(-)-β-Citronellol	ND	ND	0.138/0.598
α-Bisabolol	ND	ND	0.0670/0.201
α-Cedrene	ND	ND	0.0410/0.151
α-Humulene	ND	ND	0.0100/0.151
α-Pinene	ND	ND	0.0260/0.151
α-Terpinene	ND	ND	0.0400/0.151
α-Terpineol	ND	ND	0.0160/0.154
β-Caryophyllene	ND	ND	0.197/0.608
β-Eudesmol	ND	ND	0.0500/0.154
β-Myrcene	ND	ND	0.0160/0.153
β-Pinene	ND	ND	0.0240/0.306
Borneol	ND	ND	0.0230/0.154
Camphene	ND	ND	0.0200/0.151
Camphor	ND	ND	0.0620/0.306
Caryophyllene Oxide	ND	ND	0.0640/0.602
Cedrol	ND	ND	0.0390/0.151
Compliance requirements for this test are taken from California Cannabis regulations.			

Analyte	Amt (%)	Amt	LOD/LOQ (mg/g)
cis-Nerolidol	ND	ND	0.0940/0.281
Δ ³ -Carene	ND	ND	0.0140/0.306
Eucalyptol	ND	ND	0.0720/0.215
Fenchol	ND	ND	0.0110/0.152
Fenchone	ND	ND	0.00700/0.151
γ-Terpinene	ND	ND	0.0290/0.152
Geraniol	ND	ND	0.108/0.609
Geranyl Acetate	ND	ND	0.0320/0.151
Guaiol	ND	ND	0.0840/0.253
Isoborneol	ND	ND	0.0200/0.151
Limonene	ND	ND	0.0960/0.306
Linalool	ND	ND	0.0290/0.154
Menthol	ND	ND	0.0330/0.151
p-Cymene	ND	ND	0.0380/0.155
Pulegone	ND	ND	0.0550/0.165
Terpinolene	ND	ND	0.0210/0.154
trans-Nerolidol	ND	ND	0.0570/0.170

Utah RS-PREP-001, Utah RS-INST-003: Utah RS-PREP-001, Utah RS-INST-003: Utah Residual Solvents by GC-MS • May 09, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dimethoxyethane	100	ND	6.00/18.0	Pass
1,4-Dioxane	380	ND	12.9/38.6	Pass
1-Butanol	5000	ND	3.10/9.40	Pass
1-Pentanol	5000	ND	10.0/29.9	Pass
2,2-Dimethylbutane	290	ND	0.900/2.60	Pass
2,3-Dimethylbutane	290	ND	0.900/2.80	Pass
2-Butanol	5000	ND	9.60/28.7	Pass
2-Butanone	5000	ND	7.20/21.6	Pass
2-Ethoxyethanol	160	ND	3.90/11.6	Pass
2-Methylbutane	5000	ND	0.700/2.00	Pass
2-Methylpentane	290	ND	9.10/27.2	Pass
2-Propanol	5000	ND	11.5/34.6	Pass
3-Methylpentane	290	ND	7.40/22.1	Pass
Acetone	5000	ND	8.20/24.7	Pass
Acetonitrile	410	ND	8.40/25.1	Pass
Benzene	2	ND	0.400/1.10	Pass
Butane	5000	ND	9.60/28.7	Pass
Cumene	70	ND	8.30/25.0	Pass
Cyclohexane	3880	ND	8.40/25.3	Pass
Dichloromethane	600	ND	4.00/11.9	Pass
Dimethyl sulfoxide	5000	ND	8.40/25.2	Pass
Ethanol	5000	ND	4.80/14.4	Pass
Compliance requirements for this test are taken from Utah Hemp regulations.				

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Ethyl acetate	5000	ND	14.3/42.8	Pass
Ethylbenzene		ND	3.50/10.5	N/A
Ethylene glycol	620	ND	3.40/10.3	Pass
Ethylene oxide	50	ND	6.50/19.6	Pass
Ethyl ether	5000	ND	6.80/20.4	Pass
Heptane	5000	ND	0.400/1.20	Pass
Hexane	290	ND	0.500/1.50	Pass
Isopropyl acetate	5000	ND	4.10/12.4	Pass
Methanol	3000	ND	18.4/55.3	Pass
Methylpropane	5000	ND	10.2/30.7	Pass
N,N-Dimethylacetamide	1090	ND	269/807	Pass
N,N-Dimethylformamide	880	ND	2.70/8.20	Pass
Pentane	5000	ND	0.800/2.50	Pass
Propane	5000	ND	7.90/23.8	Pass
Propanol	5000	ND	7.00/21.0	Pass
Pyridine	100	ND	19.6/58.6	Pass
Sulfolane	160	ND	22.9/68.7	Pass
Tetrahydrofuran	720	ND	6.20/18.6	Pass
Toluene	890	ND	0.400/1.20	Pass
o-Xylene		ND	8.80/26.3	N/A
p- and m-Xylene		ND	1.60/4.90	N/A
Total xylenes + Ethylbenzene	2170	ND		Pass

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • May 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 California Cannabis 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-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • May 08, 2025

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass	Shiga toxin-producing E. coli	ND	Pass
Compliance requirements for this test are taken from California Cannabis regulations.					

PCR-Staphylococcus aureus/Pseudomonas aeruginosa • May 08, 2025

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Pseudomonas aeruginosa	ND	N/A	Staphylococcus aureus	ND	N/A
Compliance requirements for this test are taken from California Cannabis regulations.					

MICR-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • May 09, 2025

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	N/A
Compliance requirements for this test are taken from California Cannabis regulations.		

MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • May 09, 2025

Analyte	Amt	Pass/Fail
Yeast & Mold	ND	N/A
Compliance requirements for this test are taken from California Cannabis regulations.		

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • May 09, 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 California Cannabis regulations.

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • May 12, 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 California Cannabis regulations.



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • May 09, 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	Paclobutrazol	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
Flpronil	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 California Cannabis regulations.

Water Activity by Water Activity Meter • May 07, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.607	Pass

Compliance requirements for this test are taken from California Cannabis regulations.



[Signature]