



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 Good Night Capsule, 50mg, 60ct	ITEM Number	7301053350050500
Lot Number	13199	Amount Per Bottle:	2ct
Expiration Date:	07/01/2025	Storage Recommendation:	Room temperature, away from light

PHYSICAL QUALITIES

STRENGTH	50mg CBD per capsule	COLOR	Amber
SIZE	2ct	ODOR	herbal
ADDITIONAL INFO	n/a	FLAVOR	n/a

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
Magnesium (as magnesium oxide)	Quantification by input	≥300mg /2 capsule	Passing	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Zinc (as Zinc oxide)	Quantification by input	≥40mg /2 capsule	Passing	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Kava Kava (Piper methysticum room powder)	Quantification by input	≥250mg /2 capsule	Passing	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
KSM-66®	Quantification by input	≥200mg /2 capsule	Passing	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	LCMS	≥3mg /2 capsule	6.6mg/2 capsules	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBD	LCVU / HPLC	≥50mg /2 capsule	48.03mg/2 capsules	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LCVU / HPLC	≤0.001%	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBN	LCVU / HPLC	≥1.5mg /2 capsule	1.1mg/2 capsules	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	152.637ppb	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICP-MS	≤ 500ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICP-MS	≤ 500ppb	843.563ppb	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICP-MS	≤ 3000ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin B1	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass



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Test Performed	Method	Specification	Result	Pass/Fail
				<input type="checkbox"/> Fail
Aflatoxin G1	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Ochratoxin A	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
E. Coli	USP2022	Absent	Absent	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Salmonella	USP2022	Absent	Absent	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	NR	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Listeria Monocytogenes	qPCR	Absent	NR	<input checked="" 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: verified by inputs that this lot meets all specifications.

n/a 08/04/2022 JLM

Released:

APPROVED

By Jena Murray at 12:07 pm, Aug 04, 2022

Quality Assurance:

Date: 08/04/2022



Medterra CBD, LLC
 9805 Research Drive
 Irvine, CA, 92618
 8009711288
 Order #: 69198

CERTIFICATE OF ANALYSIS
 ISO/IEC: 17025:2017 Accreditation #: 103104
 License #: CMTL-004

Sample Prep

Date/Time: 08/03/2022 00:34:10
 Tech: 1012
 SOP: 418
 Batch Number: 55080
 Batch Date: 07/29/2022 20:54:06

Sample Analysis

Date/Time: 08/02/2022 17:17:12
 Tech: 3445
 SOP: 417
 Final Weight: 0.2147 mg
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

ND Total THC	ND THC Per Capsule	ND THC Per Pkg
3.04 % Total CBD	24.016 mg CBD Per Capsule	48.032 mg CBD Per Pkg
3.107 % Total Cannabinoids	24.545 mg Cannabinoids Per Capsule	49.091 mg Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ [mg/g]	DIL.	WEIGHT %	MG/G	MG/CAPSULE	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBD	0.064/0.1954	1	3.04	30.402	24.016	48.032	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBG	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.067	0.67	0.529	1.059	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--

Additional Cannabinoids

ANALYTE	LOD/LOQ [mg/g]	DIL.	WEIGHT %	MG/G	MG/CAPSULE	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	ND	ND	ND	ND	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d8-THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--

For inhalation derivative products, Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
 ND - Not Detected, <LOQ - Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G	MG/CAPSULE	MG/PACKAGE
Total THC	ND	ND	ND	ND
Total CBD	3.04	30.4	24.016	48.032
Total Cannabinoids	3.107	31.07	24.545	49.091

Diana Asensio, M.S.

Lab Director

Florida
 4001 SW 47th Avenue, Suite 208
 Davie FL, 33314
 (954) 514-9343



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Certificate of Analysis

Compliance Test

MEDTERRA CBD, LLC
9805 RESEARCH DR
IRVINE, CALIFORNIA 92618

Batch # 13199
Batch Date: 2022-07-13
Extracted From: CBD

Sampling Method: MSP7.3.1
Test Reg State: Utah

Order # MED220713-010002
Order Date: 2022-07-13
Sample # AADC370

Sampling Date: 2022-07-18
Lab Batch Date: 2022-07-18
Completion Date: 2022-07-26

Initial Gross Weight: 3.221 g
Net Weight: 1.731 g

Number of Units: 1
Net Weight per Unit: 1731.000 mg



Product Image



Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	5.40E-5	0.002		
Delta-9 THC	1000.000	1.30E-5	0.002		
CBN	1000.000	1.40E-5	0.002		
CBDV	1000.000	6.50E-5	0.002		
CBC	1000.000	1.80E-5	0.002		
THCA	1000.000	3.20E-5	0.002		
CBGA	1000.000	8.00E-5	0.002		
CBG	1000.000	2.48E-4	0.002		
CBDA	1000.000	1.00E-5	0.002		
THCV	1000.000	7.00E-6	0.002		

Mycotoxins
Specimen Weight: 274.800 mg

Dilution Factor: 5.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ

Passed
SOP13.007 (LCMS)

Pathogenic Microbiology
SAE (MicroArray)

Passed
SOP13.019 (Micro Array)

Specimen Weight: 1017.660 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8-THC + Delta9-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate. Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (ug/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (ug/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

MEDTERRA CBD, LLC
9805 RESEARCH DR
IRVINE, CALIFORNIA 92618

Batch # 13199
Batch Date: 2022-07-13
Extracted From: CBD

Sampling Method: MSP 7.3.1
Test Reg State: Utah

Order # MED220713-010002
Order Date: 2022-07-13
Sample # AADC370

Sampling Date: 2022-07-18
Lab Batch Date: 2022-07-18
Completion Date: 2022-07-26

Initial Gross Weight: 3.221 g
Net Weight: 1.731 g

Number of Units: 1
Net Weight per Unit: 1731.000 mg

Pesticides (UT Levels)

Specimen Weight: 274.800 mg

Dilution Factor: 5.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	500	<LOQ	Fludioxonil	1.7400E+0	30	400	<LOQ
Acephate	2.3000E-2	30	400	<LOQ	Hexythiazox	4.9000E-2	30	1000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	200	<LOQ
Acetamiprid	5.2000E-2	30	200	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	400	<LOQ	Kresoxim Methyl	4.2000E-2	30	400	<LOQ
Azoxystrobin	8.1000E-2	10	200	<LOQ	Metalaxyl	8.1000E-2	10	200	<LOQ
Bifenazate	1.4150E+0	30	200	<LOQ	Methiocarb	2.2000E-2	30	200	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methomyl	2.2000E-2	30	400	<LOQ
Boscalid	5.5000E-2	30	400	<LOQ	MGK-264		48	200	<LOQ
Carbaryl	2.2000E-2	10	200	<LOQ	Myclobutanil	1.0290E+0	30	200	<LOQ
Carbofuran	3.4000E-2	30	200	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorantraniliprole	3.3000E-2	30	200	<LOQ	Oxamyl	2.5000E-2	30	1000	<LOQ
Chlorfenapyr	8.0000E-2	48	1000	<LOQ	Paclobutrazol	6.5000E-2	30	400	<LOQ
Chlorpyrifos	3.5000E-2	30	200	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	2000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	400	<LOQ
Daminozide	8.8500E-1	30	1000	<LOQ	Propoxur		30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethoate	2.1000E-2	30	200	<LOQ	Spinosad	8.8000E-2	30	200	<LOQ
Ethoprophos	3.6000E-1	30	200	<LOQ	Spiromesifen	2.6100E-1	30	200	<LOQ
Etofenprox	1.1600E-1	30	400	<LOQ	Spirotetramat	8.9000E-2	30	200	<LOQ
Etoxazole	1.1600E-1	30	200	<LOQ	Spiroxamine	1.3100E-1	30	400	<LOQ
Fenoxycarb	1.0700E-1	30	200	<LOQ	Tebuconazole	6.7000E-2	30	400	<LOQ
Fenproyphos	1.3800E-1	30	400	<LOQ	Thiacloprid	6.4000E-2	30	200	<LOQ
Fipronil	1.0700E-1	30	400	<LOQ	Thiamethoxam	5.0000E-2	30	200	<LOQ
Fonicamid	5.1700E-1	30	1000	<LOQ	Trifloxystrobin	3.7000E-2	30	200	<LOQ

Passed
SOP13.007
(LCMS/GCMS)

Listeria Monocytogenes

Specimen Weight: 990.150 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Passed
SOP13.010
(qPCR)

Theanine-Caffeine-Melatonin

Specimen Weight: 72.910 mg

Tested
SOP13.049 (LCMS)

Dilution Factor: 1.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	Total/Piece (%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	Total/Piece (%)
Caffeine	0.0000178	0.00025	0	0	Melatonin	0.00000038	0.00025	3.81000	0.381
L-theanine	0.00000163	0.00025	0	0					

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Certificate of Analysis

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MEDTERRA CBD, LLC
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Initial Gross Weight: 3.221 g
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Number of Units: 1
Net Weight per Unit: 1731.000 mg



Residual Solvents - FL (CBD)

Passed
SOP13.039 (GCMS)

Specimen Weight: 320.000 mg

Dilution Factor: 500.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					



Heavy Metals (For UT Clients ONLY)

Passed
SOP13.048 (ICP-MS)

Specimen Weight: 253.790 mg

Dilution Factor: 198.555

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	.014	100	2000	152.637	Lead (Pb)	.006	100	1200	843.563
Cadmium (Cd)	.002	100	820	<LOQ	Mercury (Hg)	.014	100	400	<LOQ

Xueli Gao
Lab Toxicologist
Ph.D., DABT

Aixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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