



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 25mg Good Morning Capsule 30ct	ITEM Number	7301053340025120
Lot Number	13198	Amount Per Bottle:	30ct
Expiration Date:	07/01/2025	Storage Recommendation:	Room temperature, away from light

PHYSICAL QUALITIES

STRENGTH	25mg 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
Caffeine	LCMS	≥75mg / capsule	71.82mg / capsule	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBD	LCVU / HPLC	≥25mg / capsule	24.118mg / capsule	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LCVU / HPLC	≤0.001%	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBG	LCVU / HPLC	≥25mg / capsule	16.758mg / capsule	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	<LOQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICP-MS	≤ 500ppb	<LOQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICP-MS	≤ 500ppb	146.576ppb	<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 <input type="checkbox"/> Fail
Aflatoxin G1	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Ochratoxin A	LCMS	≤ 20 ppb	17.658ppb	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
E. Coli	USP2022	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Salmonella	USP2022	Absent	ND	<input checked="" type="checkbox"/> Pass



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Test Performed	Method	Specification	Result	Pass/Fail
				<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: inputs were verified by quantification to ensure specifications are met.

n/a 08/09/2022 JLM

Released:

APPROVED

Quality Assurance: _____

By Jena Murray at 9:37 am, Aug 09, 2022

Date: 08/09/2022



Medterra CBD, LLC
 9805 Research Drive
 Irvine, CA, 92618
 8009711288
 Order #: 69526

CERTIFICATE OF ANALYSIS

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

Order Information

Order #: 69526
 Order Name: Medterra 25mg Good Morning Capsule 30ct 13198
 Retail Batch #: 13198
 Received: 08/03/2022 12:51:51
 Complete: 08/07/2022 18:37:27

Batch Information

Create Date: 07/24/2022 Total Qty.: 0
 Exp. Date: 07/24/2025 Matrix: Capsule/Tablet
 Size: 0 Pickup Weight: N/A

CANNABINOID PROFILE TESTED	LABEL CLAIM NOT APPLICABLE	MICROBIAL ANALYSIS PASS
RESIDUAL SOLVENTS PASS	AGRICULTURAL AGENTS PASS	HEAVY METAL ANALYSIS PASS
TERPENES NOT TESTED	MOISTURE ANALYSIS NOT TESTED	WATER ACTIVITY NOT TESTED
FILTH & FOREIGN NOT TESTED	HOMOGENEITY NOT TESTED	MYCOTOXIN ANALYSIS PASS



0 %
Total THC

5.243 %
Total CBD

8.909 %
Total Cannabinoids

Diana Asensio, M.S.

Lab Director

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Sample Prep

Date/Time: 08/03/2022 15:25:00
 Tech: 3929
 SOP: 418
 Batch Number: 55110
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/05/2022 13:04:47
 Tech: 3445
 SOP: 417
 Final Weight: 0.2142 mg
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

ND Total THC	ND THC Per Unit	ND THC Per Pkg
5.243 % Total CBD	24.118 mg CBD Per Unit	723.534 mg CBD Per Pkg
8.909 % Total Cannabinoids	40.981 mg Cannabinoids Per Unit	1229.442 mg Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBD	0.064/0.1954	1	5.243	52.427	24.118	723.534	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.023	0.233	0.106	3.174	--	--
CBG	0.064/0.1954	1	3.643	36.426	16.758	502.734	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	ND	ND	ND	ND	--	--
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/UNIT	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/UNIT	MG/PACKAGE
Total THC	ND	ND	ND	ND
Total CBD	5.243	52.43	24.118	723.534
Total Cannabinoids	8.909	89.09	40.981	1229.442

Diana Asensio, M.S.

Lab Director

Florida

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Date/Time: 08/03/2022 15:54:39
 Tech: 3929
 SOP: 402
 Batch Number: 55115
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/04/2022 10:23:16
 Tech: 2816
 SOP: 402
 Final Weight: 0.5335 mg
 Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.01/0.1	1	3	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	1	ND
Cypermethrin	0.01/0.1	1	1	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.2	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Date/Time: 08/03/2022 15:49:56
 Tech: 3929
 SOP: 432
 Batch Number: 55116
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/04/2022 15:39:04
 Tech: 2657
 SOP: 424
 Final Weight: 0.5358 mg
 Volume: 5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	2	20	ND
Aflatoxin B2	2/10	2	20	ND
Aflatoxin G1	2/10	2	20	ND
Aflatoxin G2	2/5	2	20	ND
Ochratoxin A	2/10	2	20	17.658

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Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Date/Time: 08/03/2022 15:49:56
 Tech: 3929
 SOP: 432
 Batch Number: 55116
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/04/2022 15:39:04
 Tech: 2657
 SOP: 424
 Final Weight: 0.5358 mg
 Volume: 5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	2	0.3	ND	Imazalil	0.002/0.01	2	0.1	ND
Acephate	0.002/0.04	2	3	ND	Imidacloprid	0.002/0.002	2	3	ND
Acequinocyl	0.002/0.002	2	2	ND	Kresoxim-methyl	0.002/0.002	2	1	ND
Acetamiprid	0.002/0.002	2	3	ND	Malathion	0.01/0.04	2	2	ND
Aldicarb	0.002/0.01	2	0.1	ND	Metaxyl	0.002/0.004	2	3	ND
Azoxystrobin	0.002/0.04	2	3	ND	Methiocarb	0.002/0.01	2	0.1	ND
Bifenazate	0.002/0.002	2	3	ND	Methomyl	0.002/0.002	2	0.1	ND
Bifenthrin	0.002/0.002	2	0.5	ND	Mevinphos	0.009/0.036	2	0.1	ND
Boscalid	0.01/0.05	2	3	ND	Myclobutanil	0.002/0.04	2	3	ND
Carbaryl	0.002/0.004	2	0.5	ND	Naled	0.002/0.01	2	0.5	ND
Carbofuran	0.002/0.01	2	0.1	ND	Oxamyl	0.002/0.002	2	0.5	ND
Chlorantranilprole	0.002/0.01	2	3	ND	Pactobutrazol	0.002/0.004	2	0.1	ND
Chloromequat chloride	0.002/0.004	2	3	<LOQ	Permethrins	0.002/0.01	2	1	ND
Chlorpyrifos	0.002/0.01	2	0.1	ND	Phosmet	0.002/0.002	2	0.2	ND
Clofentezine	0.002/0.002	2	0.5	ND	Piperonyl Butoxide	0.002/0.002	2	3	ND
Daminozide	0.01/0.04	2	0.1	<LOQ	Prallethrin	0.002/0.01	2	0.4	ND
Diazinon	0.002/0.01	2	0.2	ND	Propiconazole	0.002/0.04	2	1	ND
Dichlorvos	0.002/0.04	2	0.1	ND	Propoxur	0.002/0.01	2	0.1	ND
Dimethoate	0.002/0.002	2	0.1	ND	Pyrethrins	0.001/0.013	2	1	ND
Dimethomorph	0.001/0.002	2	3	ND	Pyridaben	0.002/0.002	2	3	ND
Ethoprophos	0.002/0.01	2	0.1	ND	Spinetoram	0.001/0.003	2	3	ND
Etofenprox	0.002/0.002	2	0.1	ND	Spinosad	0.001/0.001	2	3	ND
Etoxazole	0.002/0.002	2	1.5	ND	Spiromesifen	0.002/0.002	2	3	ND
Fenhexamid	0.01/0.04	2	3	ND	Spirotetramat	0.002/0.01	2	3	ND
Fenoxycarb	0.002/0.004	2	0.1	ND	Spiroxamine	0.002/0.04	2	0.1	ND
Fenpyroximate	0.002/0.002	2	2	ND	Tebuconazole	0.01/0.04	2	1	ND
Fipronil	0.002/0.004	2	0.1	ND	Thiacloprid	0.002/0.002	2	0.1	ND
Flonicamid	0.002/0.01	2	2	ND	Thiamethoxam	0.002/0.01	2	1	ND
Fludioxonil	0.002/0.004	2	3	ND	Trifloxystrobin	0.002/0.002	2	3	ND
Hexythiazox	0.002/0.004	2	2	ND					

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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Date/Time: 08/03/2022 17:45:24
 Tech: 3929
 SOP: 405
 Batch Number: 55118
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/04/2022 14:39:26
 Tech: 2816
 SOP: 405
 Final Weight: 0.0521 mg
 Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	ND
Acetone	9/140	1	750	<LOQ	Isopropyl alcohol	3/140	1	500	ND
Acetonitrile	0.72/25	1	60	ND	Methanol	6/100	1	250	<LOQ
Benzene	0.6/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	ND
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.5/1	1	2	ND	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	ND	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	ND	Trichloroethylene	0.3/1	1	25	ND
Ethyl ether	6/140	1	500	ND	Xylenes	1.8/130	1	150	ND
Ethylene oxide	0.6/2	1	5	ND					

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Date/Time: 08/04/2022 08:38:56
 Tech: 3975
 SOP: 428
 Batch Number: 55125
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/04/2022 17:21:19
 Tech: 3396
 SOP: 428
 Final Weight: 0.2059 mg
 Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	<LOQ
Cadmium	20/75	1	500	<LOQ
Lead	20/75	1	500	146.576
Mercury	20/75	1	3000	ND

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MICROBIAL ANALYSIS
PASS

Sample Prep

Date/Time: 08/03/2022 15:57:56
 Tech: 3929
 SOP: 406

Batch Number: 55111
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/06/2022 15:41:14
 Tech: 3609
 SOP: 406

Final Weight: 1.3228 mg

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Date/Time: 08/03/2022 15:57:28
 Tech: 3929
 SOP: 406

Batch Number: 55111
 Batch Date: 08/02/2022 17:24:15

Sample Analysis

Date/Time: 08/05/2022 19:55:10
 Tech: 3571
 SOP: 406

Final Weight: 1.3228 mg

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

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