



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 500mg Rapid Recovery Cooling Roll-on	ITEM Number	7301031160500002
Lot Number	G11223-500	Amount Per Bottle:	2oz
Expiration Date:	07/2024	Storage Recommendation:	Room temperature, away from light

PHYSICAL QUALITIES

STRENGTH	500mg CBD per container	COLOR	White
SIZE	2oz	ODOR	Menthol
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
CBD	LCVU / HPLC	≥500mg / container	509.393mg / container	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LCVU / HPLC	≤0.001% / container	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	ND	<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	ND	<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	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	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/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:

n/a 07/22/2022 JLM

Released:

APPROVED

By Jena Murray at 9:58 am, Jul 22, 2022

Quality Assurance: _____

Date: 07/22/2022

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104

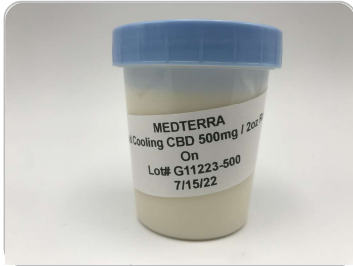


Order #: 97453
 Order Name: Medterra 500mg
 Rapid Recovery Cooling Roll-on
 2oz G11223-500
 Batch#: G11223-500
 Received: 07/15/2022
 Completed: 07/21/2022

Medterra CBD, LLC
 9805 Research Drive
 Irvine CA, 92618
 (800) 971-1288
 support@medterracbd.com



Sample



<p>N/D Total D9-THC</p>	<p>0.898% Total CBD</p>
<p>509.4 mg Cannabinoids per unit</p>	<p>509.4 mg CBD per unit</p>

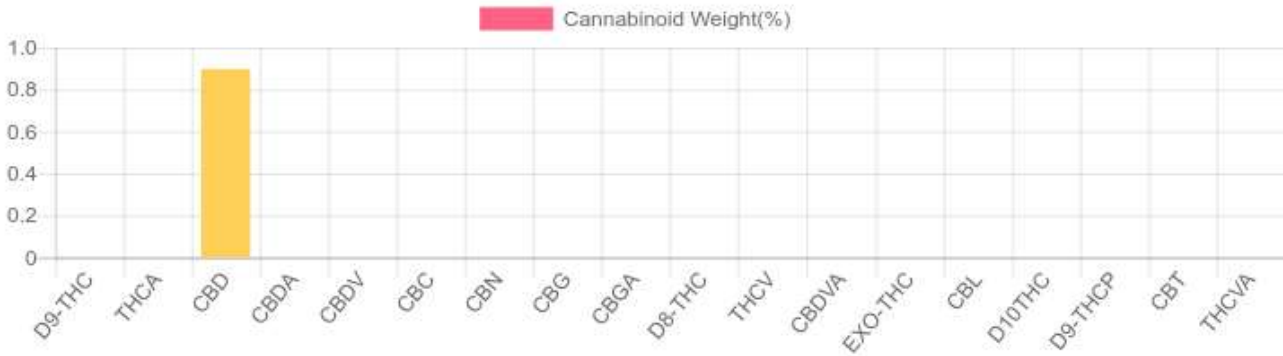
1 unit = 56.7 grams per unit x Cannabinoid concentration

Cannabinoids Test

HPLC-DAD
 GSL SOP 400

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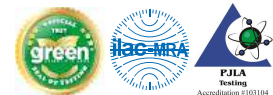
Cannabinoids	LOQ(mg/g)	LOD(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	0.0645	N/D	N/D	N/D
THCA	0.1954	0.0645	N/D	N/D	N/D
CBD	0.1954	0.0645	0.898%	8.984	509.393
CBDA	0.1954	0.0645	N/D	N/D	N/D
CBDV	0.1954	0.0645	N/D	N/D	N/D
CBC	0.1954	0.0645	N/D	N/D	N/D
CBN	0.1954	0.0645	N/D	N/D	N/D
CBG	0.1954	0.0645	N/D	N/D	N/D
CBGA	0.1954	0.0645	N/D	N/D	N/D
D8-THC	0.1954	0.0645	N/D	N/D	N/D
THCV	0.1954	0.0645	N/D	N/D	N/D
CBDVA	0.1954	0.0645	N/D	N/D	N/D
EXO-THC	0.1954	0.0645	N/D	N/D	N/D
CBL	0.1954	0.0645	N/D	N/D	N/D
D10THC	0.1954	0.0645	N/D	N/D	N/D
D9-THCP	0.1954	0.0645	N/D	N/D	N/D
CBT	0.1954	0.0645	N/D	N/D	N/D
THCVA	0.1954	0.0645	N/D	N/D	N/D
TOTAL D9-THC			N/D	N/D	N/D
TOTAL CBD*			0.898%	8.984	509.4
TOTAL CANNABINOIDS			0.898%	8.984	509.4



*Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Diana Asensio, M.S.,
 Lab Director

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 info@greenscientificlabs.com
 1-833 TEST CBD



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ISO/IEC 17025:2017 ACCREDITATION #103104



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 Rapid Recovery Cooling Roll-on
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 Batch#: G11223-500
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PESTICIDE ANALYSIS:

GSL SOP 401

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GC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	0.700	N/D	0.100	0.010
CHLORDANE	0.100	N/D	0.100	0.010
CHLORFENAPYR	0.100	N/D	0.100	0.010
COUMAPHOS	0.100	N/D	0.100	0.010

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CYFLUTHRIN	2.000	N/D	0.100	0.010
CYPERMETHRIN	1.000	N/D	0.100	0.010
PARATHION-METHYL	0.100	N/D	0.100	0.010
PENTACHLORONITROBENZENE	0.100	N/D	0.100	0.010

LC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.035	0.002
ACEPHATE	0.100	N/D	0.040	0.002
ACEQUINOCYL	0.100	N/D	0.002	0.002
ACETAMIPRID	0.100	N/D	0.002	0.002
ALDICARB	0.100	N/D	0.010	0.002
AZOXYSTROBIN	0.100	N/D	0.040	0.002
BIFENAZATE	0.100	N/D	0.002	0.002
BIFENTHRIN	3.000	N/D	0.002	0.002
BOSCALID	0.100	N/D	0.050	0.010
CARBARYL	0.500	N/D	0.004	0.002
CARBOFURAN	0.100	N/D	0.010	0.002
CHLORANTRANILIPROLE	10.000	N/D	0.010	0.002
CHLORPYRIFOS	0.100	N/D	0.010	0.002
CLOFENTEZINE	0.100	N/D	0.002	0.002
DAMINOZIDE	0.100	N/D	0.040	0.010
DIAZINON	0.100	N/D	0.010	0.002
DICHLORVOS	0.100	N/D	0.040	0.002
DIMETHOATE	0.100	N/D	0.002	0.002
DIMETHOMORPH	2.000	N/D	0.002	0.001
ETHOPROPHOS	0.100	N/D	0.010	0.002
ETOFENPROX	0.100	N/D	0.002	0.002
ETOXAZOLE	0.100	N/D	0.002	0.002
FENHEXAMID	0.100	N/D	0.040	0.010
FENOXYCARB	0.100	N/D	0.004	0.002
FENPYROXIMATE	0.100	N/D	0.002	0.002
FIPRONIL	0.100	N/D	0.004	0.002
FLONICAMID	0.100	N/D	0.010	0.002
FLUDJONIL	0.100	N/D	0.004	0.002
HEXYTHIAZOX	0.100	N/D	0.004	0.002

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMAZALIL	0.100	N/D	0.010	0.002
IMIDACLOPRID	5.000	N/D	0.002	0.002
KRESOXIM-METHYL	0.100	N/D	0.002	0.002
MALATHION	0.500	N/D	0.040	0.010
METALAXYL	2.000	N/D	0.004	0.002
METHIOCARB	0.100	N/D	0.010	0.002
METHOMYL	1.000	N/D	0.002	0.002
MEVINPHOS	0.100	N/D	0.036	0.009
MYCLOBUTANIL	0.100	N/D	0.040	0.002
NALED	0.100	N/D	0.010	0.002
OXAMYL	0.500	N/D	0.002	0.002
PACLOBUTRAZOL	0.100	N/D	0.004	0.002
PERMETHRINS	0.500	N/D	0.010	0.002
PHOSMET	0.100	N/D	0.002	0.002
PIPERONYL	3.000	N/D	0.002	0.002
BUTOXIDE	0.100	N/D	0.010	0.002
PRALLETHRIN	0.100	N/D	0.040	0.002
PROPICONAZOLE	0.100	N/D	0.010	0.002
PROPOXUR	0.100	N/D	0.010	0.002
PYRETHRINS	0.500	N/D	0.013	0.001
PYRIDABEN	0.100	N/D	0.002	0.002
SPINETORAM	0.100	N/D	0.003	0.001
SPINOSAD	0.100	N/D	0.001	0.001
SPIROMESIFEN	0.100	N/D	0.002	0.002
SPIROTETRAMAT	0.100	N/D	0.010	0.002
SPIROXAMINE	0.100	N/D	0.040	0.002
TEBUCONAZOLE	0.100	N/D	0.040	0.010
THIACLOPRID	0.100	N/D	0.002	0.002
THIAMETHOXAM	5.000	N/D	0.010	0.002
TRIFLOXYSTROBIN	0.100	N/D	0.002	0.002

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

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 Lab Director

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 1-833 TEST CBD



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CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



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RESIDUAL SOLVENTS:

HS-GC-MS

GSL SOP 405

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Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.6
1,2-DICHLOROETHANE	2	N/D	0.12	0.04
1,2-DICHLOROETHENE	5	N/D	0.73	0.09
ACETONE	5,000	N/D	140	75
ACETONITRILE	410	N/D	25	6
BENZENE	1	N/D	1	0.6
BUTANE	5,000	N/D	50	48
CHLOROFORM	1	N/D	1	0.5
ETHYL ACETATE	5,000	N/D	140	40
ETHYL ETHER	5,000	N/D	140	50
ETHYLENE OXIDE	1	N/D	2	0.6
ISOPROPYL ALCOHOL	5,000	N/D	140	50
METHANOL	3,000	N/D	100	25
METHYLENE CHLORIDE	125	N/D	1.5	1.5
N-HEPTANE	5,000	N/D	140	6
N-HEXANE	290	N/D	18	6
PENTANE	5,000	N/D	140	75
PROPANE	5,000	N/D	30	30
TOLUENE	890	N/D	53	15
TRICHLOROETHENE	1	N/D	1	0.3
XYLENES	150	N/D	130	15

Notes

Ethanol is an ingredient.

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Microbial Analysis:

Microbial Analysis GSL SOP 406

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MICROBIAL ANALYSIS:

Test	SOP	Test Method	Device Used	Allowable Criteria	Actual Result
STEC E. COLI*	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
SALMONELLA*	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS FUMIGATUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS TERREUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS FLAVUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS NIGER***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED

* STEC and Salmonella run as Multiplex

** CFU/g Calculation based on MIP/Extract matrix

*** Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA

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Mycotoxin Analysis:

LC-MS/MS
GSL SOP 401

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Analyte	LOQ (ppb)	LOD (ppb)	Action Lvl (ppb)	Results (ppb)
AFLATOXIN B1	1	1	20	N/D
AFLATOXIN B2	1	1	20	N/D
AFLATOXIN G1	1	1	20	N/D
AFLATOXIN G2	1	1	20	N/D
OCHRATOXIN A	1	1	20	N/D

Heavy Metals Analysis:

ICP-MS
GSL SOP 403

Uploaded: 07/18/2022 15:28:08

Metal	LOQ (ppb)	LOD (ppb)	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	75	20	2,000	N/D
CADMIUM (CD)	75	20	2,000	N/D
MERCURY (HG)	75	20	1,000	N/D
LEAD (PB)	75	20	5,000	N/D

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