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 Rapid Recovery Roll On, 1000mg, 2oz	**ITEM Number**	7301031161000002
Lot Number	D12442-1000	**Amount Per Bottle:**	2oz
Expiration Date:	5/2026	**Storage Recommendation:**	Room temperature, away from light.
PHYSICAL QUALITIES			
STRENGTH	1000mg 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	UHPLC-DAD	≥ 1000mg / container	1079.69mg / container	☒ Pass ☐ Fail
THC	UHPLC-DAD	≤ 0.01%	ND	☒ Pass ☐ Fail
Arsenic	ICP-MS	≤ 1500ppb	ND	☒ Pass ☐ Fail
Cadmium	ICP-MS	≤ 500ppb	ND	☒ Pass ☐ Fail
Lead	ICP-MS	≤ 500ppb	ND	☒ Pass ☐ Fail
Mercury	ICP-MS	≤ 3000ppb	ND	☒ Pass ☐ Fail
Aflatoxin B1	LCMS	≤ 20 ppb	ND	☒ Pass ☐ Fail
Aflatoxin G1	LCMS	≤ 20 ppb	ND	☒ Pass ☐ Fail
Ochratoxin A	LCMS	≤ 20 ppb	ND	☒ Pass ☐ Fail
E. Coli	USP2022	Absent	ND	☒ Pass ☐ Fail
Salmonella	USP2022	Absent	ND	☒ Pass ☐ Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	ND	☒ Pass ☐ Fail

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Test Performed	Method	Specification	Result	Pass/Fail
Listeria Monocytogenes	qPCR	Absent	NT	☐ Pass ☐ Fail
Full Pesticide Panel (see attached results for each tested)	LCMS / GCMS	See attached results for Specification of each Pesticide tested	See Attached	☒ Pass ☐ Fail
Residual Solvents (see attached results for each tested)	GCMS	See attached results for Specification of each Residual Solvent tested	See Attached	☒ Pass ☐ Fail

NOTES:

05/22/2024 rcg

Released:

APPROVED
By Raquel Garza at 12:38 pm, May 22, 2024

Quality Assurance: _____ Date:_____

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20240515-011
Sample: CA240515-009-013
Medterra Rapid Recovery Roll On, 1000mg, 2oz
Strain: Medterra Rapid Recovery Roll On, 1000mg, 2oz
Category: Topical
Type: Other

Medterra CBD
Lic. #
18500 Von Karman Ave
Irvine, CA 92612

Lic. #

Batch#: D12242-1000
Batch Size Collected:
Total Batch Size:
Collected: 05/20/2024; Received: 05/20/2024
Completed: 05/20/2024

Moisture	Δ9-THC	CBD	Total Cannabinoids	Total Terpenes
NT	**ND**	**1,079.69 mg/unit**	**1,085.21 mg/unit**	**NT**
Water Activity				
NT				

Summary

	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-005	05/15/2024	Complete
Residual Solvents	RS-PREP-001	05/15/2024	Pass
Microbials	MICRO-PREP-001	05/17/2024	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	05/15/2024	Pass
Heavy Metals	HM-PREP-001	05/15/2024	Pass
Pesticides	PESTMYCO-LC-PREP-001 / PEST-GC-PREP-001	05/15/2024	Pass

Scan to see results

Cannabinoid Profile

1 Unit = container, 60 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.0481	0.0160	ND	ND	ND
Δ9-THC	0.0414	0.0122	ND	ND	ND
Δ8-THC	0.0414	0.0066	ND	ND	ND
THCV	0.0414	0.0053	ND	ND	ND
CBDa	0.0532	0.0177	ND	ND	ND
CBD	0.0414	0.0055	1.799	17.99	1079.69
CBDV	0.0414	0.0062	0.009	0.09	5.52
CBC	0.0425	0.0142	ND	ND	ND

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
CBGa	0.0414	0.0100	ND	ND	ND
CBG	0.0414	0.0056	ND	ND	ND
CBN	0.0414	0.0089	ND	ND	ND
Total THC			**ND**	**ND**	**ND**
Total CBD			**1.80**	**17.99**	**1079.69**
Total			**1.81**	**18.09**	**1085.21**

Total THC=THCa * 0.877 + d9-THC + d8-THC + d8-THC;Total CBD = CBDa * 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.

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Josh M Swider

Josh Swider
Lab Director, Managing Partner
05/20/2024

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20240515-011
Sample: CA240515-009-013
Medterra Rapid Recovery Roll On, 1000mg, 2oz
Strain: Medterra Rapid Recovery Roll On, 1000mg, 2oz
Category: Topical
Type: Other

Medterra CBD
Lic. #
18500 Von Karman Ave
Irvine, CA 92612

Lic. #

Batch#: D12242-1000
Batch Size Collected:
Total Batch Size:
Collected: 05/20/2024; Received: 05/20/2024
Completed: 05/20/2024

Residual Solvent Analysis

Category 1		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	ND	0.3	0.1	1	Pass
Benzene	ND	0.1	0.0333	1	Pass
Chloroform	ND	0.154	0.0514	1	Pass
Ethylene Oxide	ND	0.971	0.324	1	Pass
Methylene-Chloride	ND	2.602	0.867	1	Pass
Trichloroethene	ND	0.2	0.067	1	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	ND	51.246	3.144	5000	Pass
Acetonitrile	ND	1.723	0.574	410	Pass
Butane	ND	8.36	2.787	5000	Pass
Ethanol	22932.7	5.814	1.938		Tested
Ethyl-Acetate	ND	2.288	0.329	5000	Pass
Ethyl-Ether	ND	2.869	0.901	5000	Pass
Heptane	ND	2.859	0.748	5000	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
n-Hexane	ND	0.729	0.179	290	Pass
Isopropanol	ND	0.335	0.112	5000	Pass
Methanol	ND	7.739	2.58	3000	Pass
Pentane	ND	5.212	1.737	5000	Pass
Propane	ND	31.953	10.651	5000	Pass
Toluene	<LOQ	0.864	0.069	890	Pass
Xylenes	ND	2.572	0.444	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

Heavy Metal Screening

		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	1.5	Pass
Cadmium	ND	0.002	0.001	0.5	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	1.5	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.

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Sample: CA240515-009-013
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Category: Topical
Type: Other

Medterra CBD
Lic. #
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Lic. #

Batch#: D12242-1000
Batch Size Collected:
Total Batch Size:
Collected: 05/20/2024; Received: 05/20/2024
Completed: 05/20/2024

Chemical Residue Screening

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.030	0.010	Pass
Carbofuran	ND	0.030	0.004	Pass
Chlordane	ND	0.075	0.025	Pass
Chlorfenapyr	ND	0.075	0.025	Pass
Chlorpyrifos	ND	0.033	0.011	Pass
Coumaphos	ND	0.030	0.007	Pass
Daminozide	ND	0.058	0.019	Pass
Dichlorvos	ND	0.051	0.017	Pass
Dimethoate	ND	0.030	0.009	Pass
Ethoprophos	ND	0.030	0.006	Pass
Etofenprox	ND	0.030	0.006	Pass
Fenoxycarb	ND	0.034	0.011	Pass
Fipronil	ND	0.030	0.006	Pass
Imazalil	ND	0.030	0.009	Pass
Methiocarb	ND	0.030	0.010	Pass
Mevinphos	ND	0.040	0.013	Pass
Paclobutrazol	ND	0.034	0.011	Pass
Parathion Methyl	ND	0.024	0.008	Pass
Propoxur	ND	0.030	0.007	Pass
Spiroxamine	ND	0.030	0.004	Pass
Thiacloprid	ND	0.030	0.003	Pass

Mycotoxins		LOQ	LOD	Limit	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	ND	5.88	1.94		Tested
B2	ND	8.04	2.65		Tested
G1	ND	11.85	3.91		Tested
G2	ND	5	1.54		Tested
Ochratoxin A	ND	14.49	4.78	20	Pass
Total Aflatoxins	ND			20	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.044	0.014	0.3	Pass
Acephate	ND	0.030	0.006	5	Pass
Acequinocyl	ND	0.085	0.028	4	Pass
Acetamiprid	ND	0.030	0.007	5	Pass
Azoxystrobin	ND	0.030	0.004	40	Pass
Bifenazate	ND	0.030	0.008	5	Pass
Bifenthrin	ND	0.049	0.016	0.5	Pass
Boscalid	ND	0.032	0.011	10	Pass
Captan	ND	0.358	0.120	5	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass
Chlorantraniliprole	ND	0.030	0.007	40	Pass
Clofentezine	ND	0.030	0.006	0.5	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass
Cypermethrin	ND	0.044	0.015	1	Pass
Diazinon	ND	0.082	0.027	0.2	Pass
Dimethomorph	ND	0.031	0.010	20	Pass
Etoxazole	ND	0.030	0.005	1.5	Pass
Fenhexamid	ND	0.044	0.015	10	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass
Flonicamid	ND	0.055	0.018	2	Pass
Fludioxonil	ND	0.058	0.019	30	Pass
Hexythiazox	ND	0.066	0.022	2	Pass
Imidacloprid	ND	0.070	0.023	3	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Kresoxim Methyl	ND	0.030	0.010	1	Pass
Malathion	ND	0.030	0.007	5	Pass
Metalaxyl	ND	0.030	0.005	15	Pass
Methomyl	ND	0.032	0.010	0.1	Pass
Myclobutanil	ND	0.030	0.010	9	Pass
Naled	ND	0.035	0.012	0.5	Pass
Oxamyl	ND	0.031	0.010	0.3	Pass
Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Permethrin	ND	0.030	0.004	20	Pass
Phosmet	ND	0.030	0.008	0.2	Pass
Piperonyl Butoxide	ND	0.030	0.009	8	Pass
Prallethrin	ND	0.062	0.020	0.4	Pass
Propiconazole	ND	0.064	0.021	20	Pass
Pyrethrins	ND	0.030	0.004	1	Pass
Pyridaben	ND	0.030	0.008	3	Pass
Spinetoram	ND	0.030	0.003	3	Pass
Spinosad	ND	0.030	0.003	3	Pass
Spiromesifen	ND	0.031	0.010	12	Pass
Spirotetramat	ND	0.030	0.010	13	Pass
Tebuconazole	ND	0.065	0.021	2	Pass
Thiamethoxam	ND	0.030	0.009	4.5	Pass
Trifloxystrobin	ND	0.030	0.004	30	Pass

Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.

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