

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 Max Relief	ITEM Number	7301437000050120					
	Liquid Capsule, 50mg, 60ct							
Lot Number	68300	Amount Per Bottle:	60ct					
Expiration Date:	10/2026	Storage Recommendation:	Room Temperature, away from light					
	PHYSICAL QUA	ALITIES						
STRENGTH	50mgCBD/2mgTHC / per serving	COLOR	Amber					
SIZE	60ct	ODOR	n/a					
ADDITIONAL INFO	11/a		n/a					
Test Performed:		PASS / FAIL						
Potency:		Pass						
Heavy Metals:		Pass						
Mycotoxins:		Pass Pass						
Pesticides:		Pass						
Residual Solvent		Pass						
Listeria Monocyt	ogenes:	Pass						
Pathogens:		Pass						

Test Performed	Method	Specification	Result	Pass/Fail
CBD	UHPLC - DAD	≥ 50mg / serving	54.74mg / serving	⊠ Pass
THC	UHPLC - DAD	≥ 2mg / serving	2.05mg / serving	☐ Fail☐ Pass☐
				☐ Fail
Additional Minor Cannabinoids	UHPLC - DAD	≥ 8mg / serving	11.40mg / serving	⊠ Pass □ Fail
Arsenic	ICP-MS	≤ 1500ppb	ND	⊠ Pass □ Fail
Cadmium	ICP-MS	≤ 500ppb	≤LOQ	☐ Faii
	105.140		115	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



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Test Performed	Method	Specification	Result	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
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
			n/a 11/04/2024 rcg	
Released:	APPROVED By Raquel Garza at 2:55 pi	m, Nov 04, 2024		

Date:_____

Quality Assurance:

1 of 3



Certificate of Analysis

ICAL ID: 20241024-003 Sample: CA241029-001-001 Medterra Full Spectrum Max Relief Liquid Capsule, 50mg, 60ct Strain: Medterra Full Spectrum Max Relief Liquid Capsule, 50mg, 60ct Category: Ingestible Type: Capsule Medterra CBD Lic. # 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: 68300 Batch Size Collected: Total Batch Size:

Collected: 11/01/2024; Received: 11/01/2024

Completed: 11/01/2024

Moisture	Δ9-THC	CBD	Total Cannabinoids	Sum of Cannabinoids	Total Terpenes
NT	61.62 mg/unit	1,642.31	2,059.36	2,059.36	0.000 mg/g
Water Activity		mg/unit	mg/unit	mg/unit	
0.471 aw	2.05 mg/serving	54.74 mg/serving	68.65 mg/serving		

Summary	SOP Used	Date Tested	
Batch Cannabinoids Water Activity Terpenes Microbials Mycotoxins Heavy Metals Foreign Matter Pesticides	POT-PREP-004 High WA-PREP-001 TERP-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 HM-PREP-001 FM-PREP-001 PESTMYCO-LC-PREP-001/	10/24/2024 10/24/2024 10/24/2024 10/28/2024 10/25/2024 10/25/2024 10/24/2024	Pass Complete Pass - 0.471 aw Complete Pass Pass Pass Pass Pass
	PEST-GC-PREP-001		





Scan to see results

Cannabinoid Profile

1 Unit = container, 34.06 g. 30 serving(s) per container.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g mg	g/unit
THCa	0.1841	0.0614	ND	ND	ND	CBGa	0.2669	0.0890	ND	ND	ND
Δ9 - THC	0.0794	0.0265	0.181	1.81	61.62	CBG	0.0915	0.0305	0.481	4.81 16	.63.79
Δ8-THC	0.0824	0.0275	ND	ND	ND	CBN	0.1112	0.0371	0.132	1.32	44.82
THCV	0.0714	0.0238	ND	ND	ND	Total THC			0.18	1.81	61.62
CBDa	0.0880	0.0293	ND	ND	ND	Total CBD			4.82	48.22 164	42.31
CBD	0.0755	0.0252	4.822	48.22	1642.31	Total			6.05	60.46 205	59.36
CBDV	0.0741	0.0247	0.040	0.40	13.73	Sum of			6.05	60.46 205	50 26
CBC	0.2221	0.0740	0.391	3.91	133.09	Cannabinoids			0.05	00.46 203	37.30

Total THC=THCa*0.877 + d9-THC + d8-THC; Total CBD = CBDa*0.877 + CBD. Total Cannabinoids=(Acidic Cannabinoids)*0.877+Non-acidic Cannabinoids; Sum of Cannabinoids=Acidic Cannabinoids+Non-acidic Cannabinoids. 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
α-Bisabolol	0.201	0.067	ND	ND	δ-3-Carene	0.306	0.014	ND	ND
α-Cedrene	0.151	0.041	ND	ND	δ-Limonene	0.306	0.096	ND	ND
α-Humulene	0.151	0.010	<loq< th=""><th><loq< th=""><th>Eucalyptol</th><th>0.215</th><th>0.072</th><th>ND</th><th>ND</th></loq<></th></loq<>	<loq< th=""><th>Eucalyptol</th><th>0.215</th><th>0.072</th><th>ND</th><th>ND</th></loq<>	Eucalyptol	0.215	0.072	ND	ND
α-Pinene	0.151	0.026	ND	ND	Fenchol	0.152	0.011	ND	ND
α-Terpinene	0.151	0.040	ND	ND	Fenchone	0.151	0.007	ND	ND
α-Terpineol	0.154	0.016	ND	ND	y-Terpinene	0.152	0.029	ND	ND
β-Caryophyllene	0.608	0.197	ND	ND	Geraniol	0.609	0.108	ND	ND
β-Eudesmol	0.154	0.050	ND	ND	Geranyl Acetate	0.151	0.032	ND	ND
β-Myrcene	0.153	0.016	ND	ND	Isoborneol	0.151	0.020	ND	ND
β-Pinene	0.306	0.024	ND	ND	Linalool	0.154	0.029	ND	ND
Borneol	0.154	0.023	ND	ND	Menthol	0.151	0.033	ND	ND
Camphene	0.151	0.020	ND	ND	(-)-Guaiol	0.253	0.084	ND	ND
Camphor	0.306	0.062	ND	ND	Pulegone	0.165	0.055	ND	ND
Caryophyllene Oxide	0.602	0.064	ND	ND	p-Cymene	0.155	0.038	ND	ND
Cedrol	0.151	0.039	ND	ND	Terpino l ene	0.154	0.021	ND	ND
cis-Nerolidol	0.281	0.094	ND	ND	trans-Nerolidol	0.170	0.057	ND	ND
Citronellol	0.598	0.138	ND	ND	Total			0	0

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-INCT-003



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

Josh M Swider

Josh Swider Lab Director, Managing Partner 11/01/2024 Confident LIMS
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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.



2 of 3



Certificate of Analysis

ICAL ID: 20241024-003 Sample: CA241029-001-001 Medterra Full Spectrum Max Relief Liquid Capsule, 50mg, 60ct Strain: Medterra Full Spectrum Max Relief Liquid Capsule, 50mg, 60ct Category: Ingestible Type: Capsule Medterra CBD Lic. # 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: 68300 Batch Size Collected: Total Batch Size:

Collected: 11/01/2024; Received: 11/01/2024

Completed: 11/01/2024

Residual Solvent Analysis

Category 1 LOQ LOD Limit Status Category 2 LOQ LOD Limit Status Category 2 LOQ LOD Limit Status	Category 1	LOQ LOD	Limit	Status	Category 2	LOQ LOD	Limit	Status	Category 2	LOQ LOI) Limit	Status
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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	<loq< th=""><th>0.002</th><th>0.001</th><th>0.5</th><th>Pass</th></loq<>	0.002	0.001	0.5	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	3	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	
Total Aerobic Plate Count	10000	ND	Pass
Aspergillus flavus		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
Total Coliforms	100	NR	NT
STEC		Not Detected	Pass
Enterobacteriaceae		NR	NT
Listeria		NR	NT
Pseudomonas aeruginosa		Not Detected	Pass
Salmonella SPP		Not Detected	Pass
Total E. coli		NR	NT
Staphylococcus aureus		Not Detected	Pass
Total Yeast and Mold	1000	ND	Pass

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



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Status

Tested

Tested

Tested

Tested

Pass

Pass



Thiacloprid

Certificate of Analysis

ICAL ID: 20241024-003 Sample: CA241029-001-001 Medterra Full Spectrum Max Relief Liquid Capsule, 50mg, 60ct Strain: Medterra Full Spectrum Max Relief Liquid Capsule, 50mg, 60ct Category: Ingestible Type: Capsule

ND

0.042

0.014

Medterra CBD 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: 68300 Batch Size Collected: Total Batch Size:

µg/kg

NĎ

ND

ND

ND

ND

ND

Collected: 11/01/2024; Received: 11/01/2024

µg/kg

2.6

2.04

2.97

1.89

3.87

Limit

µg/kg

Completed: 11/01/2024

μg/kg 7.88

6.18

8.99

5.72

11.72

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins
	μg/g	µg/g	µg/g		
A l dicarb	ND	0.065	0.022	Pass	B1
Carbofuran	ND	0.030	0.009	Pass	B2
Chlordane	ND	0.075	0.025	Pass	G1
Chlorfenapyr	ND	0.075	0.025	Pass	G2
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins
Daminozide	ND	0.079	0.026	Pass	
Dichlorvos	ND	0.067	0.022	Pass	
Dimethoate	ND	0.036	0.012	Pass	
Ethoprophos	ND	0.053	0.017	Pass	
Etofenprox	ND	0.030	0.008	Pass	
Fenoxycarb	ND	0.043	0.014	Pass	
Fiproni l	ND	0.045	0.015	Pass	
Imazalil	ND	0.047	0.016	Pass	
Methiocarb	ND	0.047	0.016	Pass	
Mevinphos	ND	0.042	0.014	Pass	
Paclobutrazol	ND	0.040	0.013	Pass	
Parathion Methyl	ND	0.024	0.008	Pass	
Propoxur	ND	0.047	0.016	Pass	
Spiroxamine	ND	0.032	0.011	Pass	

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	µg/g			μg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.030	0.010	0.3	Pass	Kresoxim Methyl	ND	0.038	0.012	1	Pass
Acephate	ND	0.050	0.016	5	Pass	Malathion	ND	0.035	0.012	5	Pass
Acequinocy l	ND	0.059	0.019	4	Pass	Metalaxyl	ND	0.031	0.010	15	Pass
Acetamiprid	ND	0.044	0.015	5	Pass	Methomyl	ND	0.048	0.016	0.1	Pass
Azoxystrobin	ND	0.029	0.010	40	Pass	Myclobutanil	ND	0.055	0.018	9	Pass
Bifenazate	ND	0.035	0.012	5	Pass	Naled	ND	0.051	0.017	0.5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass	Oxamy l	ND	0.046	0.015	0.3	Pass
Bosca l id	ND	0.060	0.020	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.008	20	Pass
Carbary l	ND	0.049	0.016	0.5	Pass	Phosmet	ND	0.038	0.012	0.2	Pass
Chlorantraniliprole	ND	0.063	0.021	40	Pass	Piperonyl Butoxide	ND	0.030	0.008	8	Pass
Clofentezine	ND	0.039	0.013	0.5	Pass	Prallethrin	ND	0.068	0.023	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazole	ND	0.059	0.019	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.004	1	Pass
Diazinon	ND	0.030	0.006	0.2	Pass	Pyridaben	ND	0.035	0.012	3	Pass
Dimethomorph	ND	0.042	0.014	20	Pass	Spinetoram	ND	0.030	0.006	3	Pass
Etoxazole	ND	0.030	0.008	1.5	Pass	Spinosad	ND	0.030	0.004	3	Pass
Fenhexamid	ND	0.039	0.013	10	Pass	Spiromesifen	ND	0.042	0.014	12	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass	Spirotetramat	ND	0.041	0.013	13	Pass
Flonicamid	ND	0.081	0.027	2	Pass	Tebuconazo l e	ND	0.044	0.014	2	Pass
Fludioxonil	ND	0.046	0.015	30	Pass	Thiamethoxam	ND	0.055	0.018	4.5	Pass
Hexythiazox	ND	0.078	0.026	2	Pass	Trifloxystrobin	ND	0.031	0.010	30	Pass
<u>lmidacloprid</u>	ND	0.071	0.023	3	Pass	·		-			

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.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

Josh Swider

Lab Director, Managing Partner 11/01/2024

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Certificate of Analysis Appendix

Residual Solvents - Utah Industrial Hemp

			- 100		
Analyte	Result (ug/g)	LOD (ug/g)	LOQ (ug/g)	Action Limit(ug/g)	Status
1,2 Dimethoxyethane	ND	5.9917	17.975	100	Pass
1,4 Dioxane	ND	12.8684	38.6052	380	Pass
1-Butanol	ND	3.1446	9.4337	5,000	Pass
1-Pentanol	ND	9.9794	29.9383	5,000	Pass
1-Propanol	ND	6.9987	20.9962	5,000	Pass
2-Butanol	ND	9.5709	28.7127	5,000	Pass
2-Butanone	ND	7.2129	21.6386	5,000	Pass
2-Ethoxyethanol	ND	3.8723	11.6169	160	Pass
2-methylbutane	ND	0.679	2.037	5,000	Pass
2-methylpentane	ND	9.0715	27.2145	290	Pass
3-methylpentane	ND	7.3795	22.1384	290	Pass
2-Propanol (IPA)	ND	11.5286	34.5857	5,000	Pass
Acetone	ND	8.2267	24.6802	5,000	Pass
Acetonitrile	ND	8.3746	25.1238	410	Pass
Benzene	ND	0.3588	1.0763	2	Pass
Butane	ND	9.552	28.6559	5,000	Pass
Cumene	ND	8.32	24.96	70	Pass
Cyclohexane	ND	8.4235	25.2705	3,880	Pass
Dichloromethane	ND	3.9511	11.8533	600	Pass
2,2-dimethylbutane	ND	0.8804	2.6412	290	Pass
2,3-dimethylbutane	ND	0.9493	2.8479	290	Pass
Dimethyl sulfoxide	ND	8.3992	25.1976	5,000	Pass
Ethanol	247.7857	4.8156	14.4469	5,000	Pass
Ethyl acetate	ND	14.2542	42.7625	5,000	Pass
Ethyl ether	ND	6.8124	20.4372	5,000	Pass
Ethylene glycol	ND	3.4447	10.334	620	Pass
Ethylene Oxide	ND	6.5244	19.5733	50	Pass
Heptane	ND	0.4144	1.2431	5,000	Pass
Hexane	ND	0.5026	1.5078	290	Pass
Isobutane	ND	10.2495	30.7486	5,000	Pass
Isopropyl acetate	ND	4.1274	12.3823	5,000	Pass
Methanol	ND	18.42	55.26	3,000	Pass
N,N-dimethylacetamide	ND	268.955	806.8649	1,090	Pass
N,N-dimethylformamide	ND	2.7382	8.2147	880	Pass
Pentane	8.6853	0.8382	2.5146	5,000	Pass
Propane	ND	7.9467	23.8402	5,000	Pass
Pyridine	ND	19.55	58.64	100	Pass
Sulfolane	ND	22.886	68.6581	160	Pass
Tetrahydrofuran	ND	6.2156	18.6469	720	Pass
Toluene	ND	0.4061	1.2184	890	Pass
Total Xylenes	ND	10.3738	31.1216	2,170	Pass



Josh Swider Lab Director, CEO