

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 CBD Tincture Drops, 3000mg,	ITEM Number	7301012003000030							
	30mL									
Lot Number	LE230026	Amount Per Bottle:	30mL							
Expiration Date:	03/01/2025	Storage	Room temperature, away from							
		Recommendation:	light							
	PHYSICAL QUA	ALITIES								
STRENGTH	3000mg CBD per Container	COLOR	Amber							
SIZE	30mL	ODOR	Herbal							
ADDITIONAL	n/a	FLAVOR	Unflavored							
INFO										

Test Performed:	PASS / FAIL	
Potency:	Pass Pass	
Heavy Metals:	Pass Pass	
Mycotoxins:	Pass Pass	
Pesticides:	Pass Pass	
Residual Solvents:	Pass Pass	
Listeria Monocytogenes:	Pass Pass	
Pathogens:	Pass Pass	

Test Performed	Method	Specification	Result	Pass/Fail
CBD	LCVU / HPLC	≥3000mg / container	3123.49mg / container	⊠ Pass □ Fail
THC	LCVU / HPLC	<0.01%	ND	☐ Pass☐ Fail
Arsenic	ICP-MS	≤ 1500ppb	ND	☐ Pass☐ Fail
Cadmium	ICP-MS	≤ 500ppb	ND	☐ Pass☐ Fail
Lead	ICP-MS	≤ 1200ppb	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



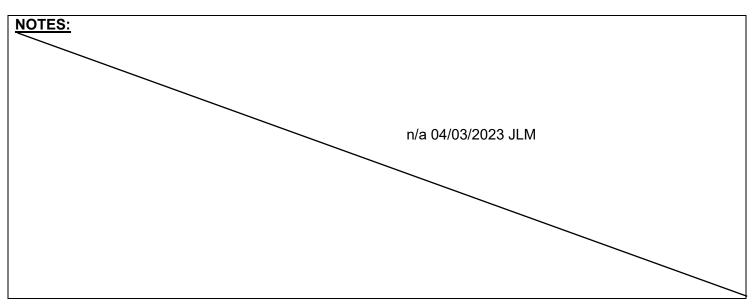
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Test Performed	Method	Specification	Result	Pass/Fail
Listeria Monocytogenes	qPCR	Absent	NT	⊠ Pass □ Fail
Full Pesticide Panel (see attached results for each tested)	LCMS / GCMS	See attached results for Specification of each Pesticide tested	See attached	⊠ 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



Released: APPROVED

Quality Assurance: By Jena Murray at 3:41 pm, Apr 03, 2023

04/03/2023





Foreign Matter

Pesticides

Certificate of Analysis

ICAL ID: 20230329-049 Sample: CA230329-016-030 Medterra CBD Tincture Drops, 3000mg, 30mL Strain: Medterra CBD Tincture Drops, 3000mg, 30mL

Category: Ingestible Type: Tincture

Medterra CBD 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: LE230026 Batch Size Collected: Total Batch Size:

Collected: 03/31/2023; Received: 03/31/2023 Completed: 03/31/2023

Moisture	Δ9-THC	CBD Total Cann	ıabinoids	Total Terpenes
NT Water Activity	ND	3,123.49 mg/unit 3,138.87	mg/unit	NT

Water Activity NT

3,123.49 mg/unit 3,138.87 mg/unit

Summary **SOP** Used **Date Tested** Batch **Pass** POT-PREP-004 High 03/30/2023 Cannabinoids Complete RS-PREP-001 03/30/2023 03/31/2023 Residual Solvents Pass MICRO-PREP-001 Pass Microbials 03/30/2023 Mycotoxins Pass Heavy Metals

PESTMYCO-LC-PREP-001 HM-PREP-001 03/30/2023 03/29/2023 **Pass** FM-PREP-001 Pass TMYCO-LC-PREP-001/ 03/30/2023 Pass PEST-GC-PREP-001





Scan to see results

Cannabinoid Profile

1 Unit = bottle, 28.53 g. 1 mL = 0.93 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
THCa	0.1841	0.0614	ND	ND	ND	ND	CBGa	0.2669	0.0890	ND	ND	ND	ND
Δ9-THC	0.0794	0.0265	ND	ND	ND	ND	CBG	0.0915	0.0305	ND	ND	ND	ND
Δ8-THC	0.0824	0.0275	ND	ND	ND	ND	CBN	0.1112	0.0371	ND	ND	ND	ND
THCV	0.0714	0.0238	ND	ND	ND	ND	Total THC			ND	ND	ND	ND
CBDa	0.0880	0.0293	ND	ND	ND	ND	Total CBD			10.95	109.48	101.82	3123.49
CBD	0.0755	0.0252	10.948	109.48	101.82	3123.49	Total			11.00	110.02	102.32	3138.87
CBDV	0.0741	0.0247	0.054	0.54	0.50	15.38	<u> </u>						
CBC	0.2221	0.0740	ND	ND	ND	ND							

Total THC=THCa*0.877 + d9-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

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



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

03/31/2023

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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.

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Certificate of Analysis

ICAL ID: 20230329-049 Sample: CA230329-016-030 Medterra CBD Tincture Drops, 3000mg, 30mL Strain: Medterra CBD Tincture Drops, 3000mg, 30mL

Category: Ingestible Type: Tincture

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

Lic.#

Batch#: LE230026 Batch Size Collected: Total Batch Size: Collected: 03/31/2023; Received: 03/31/2023 Completed: 03/31/2023

Residual Solvent Analysis

Category 1		LOQ	LOD	Limit	Status	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			μg/g	μg/g	μg/g	μg/g	
1,2-Dichloro-Ethane	ND	0.31	0.1032	1	Pass	Acetone	ND	51.246	2.572	5000	Pass	n-Hexane	ND	0.931	0.31	290	Pass
Benzene	ND	0.088	0.023	1	Pass	Acetonitrile	ND	0.798	0.266	410	Pass	Isopropanol	ND	5.037	1.679	5000	Pass
Chloroform	ND	0.174	0.058	1	Pass	Butane	ND	4.849	1.114	5000	Pass	Methanol	ND	4.665	1.555	3000	Pass
Ethylene Oxide	ND	0.757	0.252	1	Pass	Ethano l	ND	40.542	13.513	5000	Pass	Pentane	ND	17.255	5.752	5000	Pass
Methylene-Chloride	ND	0.729	0.148	1	Pass	Ethyl-Acetate	ND	2.288	0.436	5000	Pass	Propane	ND	26.11	8.703	5000	Pass
Trichloroethene	ND	0.19	0.063	1	Pass	Ethyl-Ether	ND	2.869	0.593	5000	Pass	Toluene	ND	0.864	0.136	890	Pass
						Heptane	ND	6.548	2.183	5000	Pass	Xy l enes	ND	0.857	0.241	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	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	
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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Tested Tested Tested Tested Pass Pass



Mevinphos

Propoxur

Spiroxamine

Thiacloprid

Paclobutrazol

Parathion Methyl

Certificate of Analysis

ICAL ID: 20230329-049 Sample: CA230329-016-030 Medterra CBD Tincture Drops, 3000mg, 30mL Strain: Medterra CBD Tincture Drops, 3000mg, 30mL

ND

ND

ND

ND

ND

ND

0.032

0.030

0.024

0.030

0.030

0.011

0.006

0.008

0.005

0.003

Category: Ingestible Type: Tincture

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

Lic.#

Batch#: LE230026 Batch Size Collected: Total Batch Size: Collected: 03/31/2023: R

Collected: 03/31/2023; Received: 03/31/2023 Completed: 03/31/2023

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Lin
-	μg/g	µg/g	µg/g			μg/kg	µg/kg	µg/kg	μg/
Aldicarb	ND	0.030	0.009	Pass	B1	ND	6.2	2.05	
Carbofuran	ND	0.030	0.002	Pass	B2	ND	5	1.63	
Chlordane	ND	0.075	0.025	Pass	G1	ND	5.38	1.77	
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5	1.02	
Chlorpyrifos	ND	0.030	0.008	Pass	Ochratoxin A	ND	16.41	5.42	
Coumaphos	ND	0.030	0.005	Pass	Total Aflatoxins	ND			
Daminozide	ND	0.033	0.011	Pass					
Dichlorvos	ND	0.030	0.007	Pass					
Dimethoate	ND	0.030	0.007	Pass					
Ethoprophos	ND	0.030	0.004	Pass					
Etofenprox	ND	0.030	0.006	Pass					
Fenoxycarb	ND	0.030	0.006	Pass					
Fipronil	ND	0.030	0.008	Pass					
lmazalil	ND	0.030	0.009	Pass					
Methiocarb	ND	0.030	0.005	Pass					

Pass

Pass

Pass

Pass

Pass

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	0.039	0.013	0.3	Pass	Kresoxim Methyl	ND	0.030	0.007	1	Pass
Acephate	ND	0.063	0.021	5	Pass	Malathion	ND	0.030	0.005	5	Pass
Acequinocy l	ND	0.035	0.011	4	Pass	Metalaxyl	ND	0.030	0.003	15	Pass
Acetamiprid	ND	0.030	0.006	5	Pass	Methomyl	ND	0.030	0.006	0.1	Pass
Azoxystrobin	ND	0.030	0.003	40	Pass	Myclobutanil	ND	0.030	0.007	9	Pass
Bifenazate	ND	0.030	0.005	5	Pass	Naled	ND	0.030	0.005	0.5	Pass
Bifenthrin	ND	0.030	0.006	0.5	Pass	Oxamyl	ND	0.030	0.009	0.3	Pass
Boscalid	ND	0.030	0.007	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.002	20	Pass
Carbaryl	ND	0.030	0.004	0.5	Pass	Phosmet	ND	0.030	0.005	0.2	Pass
Chlorantraniliprole	ND	0.030	0.006	40	Pass	Piperony l Butoxide	ND	0.030	0.006	8	Pass
Clofentezine	ND	0.030	0.005	0.5	Pass	Prallethrin	ND	0.055	0.018	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazo l e	ND	0.037	0.012	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.002	1	Pass
Diazinon	ND	0.030	0.009	0.2	Pass	Pyridaben	ND	0.030	0.005	3	Pass
Dimethomorph	ND	0.030	0.009	20	Pass	Spinetoram	ND	0.030	0.003	3	Pass
Etoxazole	ND	0.030	0.003	1.5	Pass	Spinosad	ND	0.030	0.003	3	Pass
Fenhexamid	ND	0.030	0.008	10	Pass	Spiromesifen	ND	0.030	0.005	12	Pass
Fenpyroximate	ND	0.030	0.005	2	Pass	Spirotetramat	ND	0.030	0.006	13	Pass
Flonicamid	ND	0.046	0.015	2	Pass	Tebuconazole	ND	0.030	0.009	2	Pass
Fludioxonil	ND	0.048	0.016	30	Pass	Thiamethoxam	ND	0.030	0.006	4.5	Pass
Hexythiazox	ND	0.031	0.010	2	Pass	Trifloxystrobin	ND	0.030	0.002	30	Pass
Imidacloprid	ND	0.030	0.009	3	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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Josh Swider

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