

Listeria Monocytogenes:

Pathogens:

	Q SOP.006.T3 CBD Product Certificate of Analysis (CofA) Template
	Revision:00
	Revision Date: 06/10/2022
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Last Edits BY: JENA Murray

Approval: Jena Murray Approval Date: 06/29/2022

PRODUCT INFO											
PRODUCT NAME	Medterra Fast Acting Relax Gummies,	ITEM Number	7301088800005925								
	Citrus, 5mg CBG, 30ct										
Lot Number	230223-56232	Amount Per Bottle:	30ct								
Expiration Date:	08/2024	Storage	Room temperature, away from								
	·	Recommendation:	light								
PHYSICAL QUALITIES											
STRENGTH	5mg CBG per gummy	COLOR	Dark Orange								
SIZE	30ct	ODOR	Fruity								
ADDITIONAL	n/a	FLAVOR	Citrus								
INFO											
Test Performed:		PASS / FAIL									
Potency:		Pass									
Heavy Metals:		Pass									
Mycotoxins:		Pass Pass									
Pesticides:		Pass Pass									
Residual Solvent	ts:	Pass Pass									

Pass

Pass

Test Performed	Method	Specification	Result	Pass/Fail
CBG	LCUV / HPLC	≥5mg / gummy	5.32mg / gummy	☐ Pass☐ Fail
ТНС	LCUV / HPLC	<0.01%	ND	⊠ Pass □ Fail
Proprietary Relax Blend	Quantification by Input	≥230mg / gummy	Pass	⊠ Pass □ Fail
Arsenic	ICP-MS	≤ 1500ppb	<loq< td=""><td>☐ Pass☐ Fail</td></loq<>	☐ Pass☐ Fail
Cadmium	ICP-MS	≤ 500ppb	ND	☐ Pass☐ Fail
Lead	ICP-MS	≤ 1200ppb	0.118ppm	☐ 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



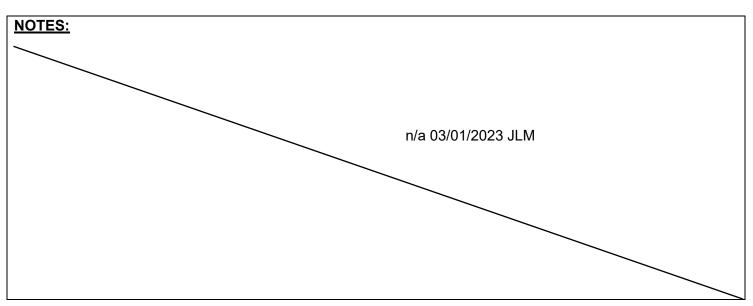
# Q SOP.006.T3 CBD Product Certificate of Analysis (CofA) Template

Revision:00

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Test Performed	Method	Specification	Result	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



Released:

APPROVED

Quality Assurance:

By Jena Murray at 12:08 pm, Mar 01, 2023

Date: 03/01/2023



## Certificate of Analysis

ICAL ID: 20230224-007 Sample: CA230224-007-065 Medterra Fast Acting Relax Gummies, Citrus, 5mg CBG, 30ct Strain: Medterra Fast Acting Relax Gummies, Citrus, 5mg CBG, 30ct Category: Ingestible Type: Other

Medterra CBD 9805 Research Drive Irvine, CA 92618

Lic.#

Batch#: 230223-56232 Batch Size Collected: Total Batch Size: Collected: 02/28/2023; Received: 02/28/2023

Completed: 02/28/2023

Moisture	Δ9 <del>-</del> THC	CBD	Total Cannabinoids	Total Terpenes
NT Water Activity	ND	3.14 mg/unit	162.58 mg/unit	0.648 mg/g

Water Activity NT 0.00 mg/serving 0.10 mg/serving 5.42 mg/serving

Scan to see results

Summary SOP Used **Date Tested** Batch **Pass** POT-PREP-002 02/27/2023 Cannabinoids Complete TERP-PREP-001 02/28/2023 02/27/2023 Terpenes Residual Solvents Complete RS-PREP-001 Pass Microbials MICRO-PREP-001 02/28/2023 **Pass** PESTMYCO-LC-PREP-001 Mycotoxins 02/27/2023 **Pass** Heavy Metals Foreign Matter 02/24/2023 02/24/2023 Pass FM-PREP-001 PESTMYCO-LC-PREP-001/ Pass Pesticides PEST-GC-PREP-001

### Cannabinoid Profile

1 Unit = container, 131.98 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/unit
THCa	0.0128	0.0043	ND	ND	ND	CBGa	0.0046	0.0015	ND	ND	ND
Δ9-THC	0.0046	0.0010	ND	ND	ND	CBG	0.0046	0.0005	0.121	1.21	159.43
Δ8-THC	0.0046	0.0014	ND	ND	ND	CBN	0.0046	0.0005	ND	ND	ND
THCV	0.0046	0.0006	ND	ND	ND	Total THC			ND	ND	ND
CBDa	0.0049	0.0016	ND	ND	ND	Total CBD			0.00	0.02	3.14
CBD	0.0046	0.0008	0.002	0.02	3.14	Total			0.12	1.23	162.58
CBDV	0.0046	0.0004	ND	ND	ND						
CBC	0.0076	0.0025	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**

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	
δ-Limonene	0.306	0.096	0.0648	0.648	
α-Bisabolol	0.201	0.067	ND	ND	
α-Cedrene	0.151	0.041	ND	ND	
α-Humulene	0.151	0.010	ND	ND	
α-Pinene	0.151	0.026	ND	ND	
α-Terpinene	0.151	0.040	ND	ND	
α-Terpineol	0.154	0.016	ND	ND	
β-Caryophyllene	0.608	0.197	ND	ND	
β-Eudesmol	0.154	0.050	ND	ND	
β-Myrcene	0.153	0.016	ND	ND	
β-Pinene	0.306	0.024	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Borneol	0.154	0.023	ND	ND	
Camphene	0.151	0.020	ND	ND	
Camphor	0.306	0.062	ND	ND	
Caryophyllene Oxide	0.602	0.064	ND	ND	
Cedrol	0.151	0.039	ND	ND	
cis-Nerolidol	0.281	0.094	ND	ND	

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
Citronellol	0.598	0.138	ND	ND
δ-3-Carene	0.306	0.014	ND	ND
Eucalyptol	0.215	0.072	ND	ND
Fenchol	0.152	0.011	ND	ND
Fenchone	0.151	0.007	ND	ND
γ-Terpinene	0.152	0.029	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Geraniol	0.609	0.108	ND	ND
Geranyl Acetate	0.151	0.032	ND	ND
Isoborneol	0.151	0.020	ND	ND
Linalool	0.154	0.029	ND	ND
Menthol	0.151	0.033	ND	ND
(-)-Guaiol	0.253	0.084	ND	ND
Pulegone	0.165	0.055	ND	ND
p-Cymene	0.155	0.038	ND	ND
Terpinolene	0.154	0.021	ND	ND
trans-Nerolidol	0.170	0.057	ND	ND
Total			0.0648	0.648

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 02/28/2023

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## Certificate of Analysis

ICAL ID: 20230224-007 Sample: CA230224-007-065 Medterra Fast Acting Relax Gummies, Citrus, 5mg CBG, 30ct Strain: Medterra Fast Acting Relax Gummies, Citrus, 5mg CBG, 30ct Category: Ingestible Type: Other Medterra CBD Lic. # 9805 Research Drive Irvine, CA 92618

Lic.#

Batch#: 230223-56232 Batch Size Collected: Total Batch Size: Collected: 02/28/2023; Received: 02/28/2023 Completed: 02/28/2023

#### **Residual Solvent Analysis**

Category 1	LOQ LOD I	Limit <b>S</b>	tatus	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 0.264 0.088	1	Pass	Acetone	ND	51.246	0.716	5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND 0.052 0.017	1	Pass	Acetonitrile	ND	0.42	0.14	410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND 0.076 0.025	1	Pass	Butane	ND	4.849	0.748	5000	Pass	Methanol	ND	2.602	0.867	3000	Pass
Ethylene Oxide	ND 0.579 0.179	1	Pass	Ethano <b>l</b>	737.8	7.575	2.525	5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND 0.729 0.08	1	Pass	Ethyl-Acetate	ND	2.288	0.175	5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND 0.145 0.028	1	Pass	Ethyl-Ether	ND	2.869	0.389	5000	Pass	Toluene	ND	0.864	0.067	890	Pass
				Heptane	ND	2.859	0.496	5000	Pass	Xy <b>l</b> enes	ND	2.572	0.326	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	<loq< td=""><td>0.009</td><td>0.003</td><td>1.5</td><td>Pass</td></loq<>	0.009	0.003	1.5	Pass
Cadmium	ND	0.002	0.001	0.5	Pass
Lead	0.118	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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## Certificate of Analysis

ICAL ID: 20230224-007 Sample: CA230224-007-065 Medterra Fast Acting Relax Gummies, Citrus, 5mg CBG, 30ct Strain: Medterra Fast Acting Relax Gummies, Citrus, 5mg CBG, 30ct Category: Ingestible Type: Other

ND

ND

ND

ND

0.024

0.047

0.032

0.042

Medterra CBD Lic. # 9805 Research Drive Irvine, CA 92618

Lic.#

0.008

0.016

0.011

0.014

Batch#: 230223-56232 Batch Size Collected: Total Batch Size: Collected: 02/28/2023; Received: 02/28/2023 Completed: 02/28/2023

## **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g			μg/kg	µg/kg	µg/kg	µg/kg	
Aldicarb	ND	0.065	0.022	Pass	B1	ND	7.88	2.6		Tested
Carbofuran	ND	0.030	0.009	Pass	B2	ND	6.18	2.04		Tested
Chlordane	ND	0.075	0.025	Pass	G1	ND	8.99	2.97		Tested
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5.72	1.89		Tested
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A	ND	11.72	3.87	20	Pass
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins	ND			20	Pass
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						
Fipronil	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						

**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	0.030	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
Acequinocyl	ND	0.059	0.019	4	Pass	Metalaxyl	ND	0.031	0.010	15	Pass
Acetamiprid	ND	0.044	0.015	5	Pass	Methomy <b>l</b>	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	Na <b>l</b> ed	ND	0.051	0.017	0.5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass	Oxamyl	ND	0.046	0.015	0.3	Pass
Boscalid	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
Carbaryl	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	<u>Spirotetramat</u>	ND	0.041	0.013	13	Pass
Flonicamid	ND	0.081	0.027	2	Pass	Tebuconazole	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>Imidacloprid</u>	ND	0.071	0.023	3	Pass						

#### Other Analyte(s):

Parathion Methyl

Propoxur

Spiroxamine

Thiacloprid

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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