

**Residual Solvents:** 

Pathogens:

Listeria Monocytogenes:

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

Revision:00
Revision Date: 06/10/2022

Revision Date: 06/10/2022 Last Edits BY: JENA Murray Approval: Jena Murray

Approval Date: 06/29/2022

	PRODUCT I	PRODUCT INFO											
PRODUCT NAME	Medterra Daily Delight Gummy, Multiflavored, 25mgCBD/5THC, 20ct	ITEM Number	M2GY0006										
Lot Number	230502-56208	Amount Per Bottle:	20ct										
Expiration Date:	11/2024	Storage Recommendation:	Room temperature, away from light										
PHYSICAL QUALITIES													
STRENGTH	25mgCBD/5mgTHC per gummy	COLOR	Red, Blue, Orange, Yellow – sugar coated										
SIZE	30mL	ODOR	Fruity										
ADDITIONAL INFO	n/a	FLAVOR	Red Raspberry, Blue Raspberry, Orange, Lemon										
Test Performed:		PASS / FAIL											
Potency:		Pass											
Heavy Metals:		Pass											
Mycotoxins:		<mark>Pass</mark>											
Pesticides:		Pass											

Pass

**Pass** 

Pass

Test Performed	Method	Specification	Result	Pass/Fail
CBD	LCVU / HPLC	≥25mg / gummy	27.53mg / gummy	□ Pass     □ Fail
THC	LCVU / HPLC	≥5mg / gummy	5.81mg / gummy	☐ Pass☐ Fail
Additional Minor Cannabinoids	LCVU / HPLC	≥3mg / gummy	4.08mg / gummy	⊠ Pass □ Fail
Arsenic	ICP-MS	≤ 1500ppb	0.019ppm	□ 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



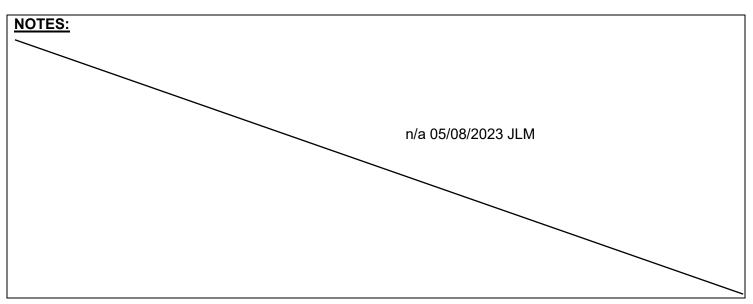
# Q SOP.006.T3 CBD Product Certificate of Analysis (CofA) Template

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Revision Date: 06/10/2022 Last Edits BY: JENA Murray

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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 Je

By Jena Murray at 12:18 pm, May 08, 2023

Date:

05/08/2023



# Certificate of Analysis

ICAL ID: 20230503-007 Sample: CA230503-006-014 Medterra Daily Delight Gummy, Multiflavored, 25mgCBD/5THC, 20ct Strain: Medterra Daily Delight Gummy, Multiflavored, 25mgCBD/5THC, 20ct Category: Ingestible Type: Other

Medterra CBD 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: 230502-56208 Batch Size Collected: Total Batch Size: Collected: 05/05/2023; Received: 05/05/2023

Completed: 05/05/2023

Moisture Δ9-ΤΗС CBD **Total Cannabinoids Total Terpenes** NT 0.000 mg/g 550.50 mg/unit 116.24 mg/unit 751.24 mg/unit Water Activity

0.593 aw 27.53 mg/serving 5.81 mg/serving 37.56 mg/serving

Summary **SOP** Used **Date Tested** Batch **Pass** POT-PREP-002 High 05/04/2023 Cannabinoids Complete WA-PREP-001 Pass - 0.593 aw Complete Water Activity 05/04/2023 05/04/2023 Terpenes TERP-PREP-001 Residual Solvents RS-PRFP-001 05/03/2023 **Pass** MICRO-PREP-001 Microbials 05/05/2023 **Pass** PESTMYCO-LC-PREP-001 Pass Mycotoxins Heavy Metals Foreign Matter 05/04/2023 Pass FM-PREP-001 Pass 05/03/2023 PESTMYCO-LC-PREP-001/ Pesticides 05/04/2023 Pass PEST-GC-PREP-001





Scan to see results

#### **Cannabinoid Profile**

1 Unit = container, 88.95 g. 20 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	0.1156	0.0385	ND	ND	ND	CBGa	0.0416	0.0139	ND	ND	ND
Δ9 <del>-</del> THC	0.0268	0.0089	0.131	1.31	116.24	CBG	0.0140	0.0047	0.052	0.52	46.34
Δ8-THC	0.0376	0.0125	ND	ND	ND	CBN	0.0141	0.0047	0.026	0.26	22.95
THCV	0.0167	0.0056	ND	ND	ND	Total THC			0.13	1.31	116.24
CBDa	0.0441	0.0147	ND	ND	ND	Total CBD			0.62	6.19	550.50
CBD	0.0224	0.0075	0.619	6.19	550.50	Total			0.84	8.45	751.24
CBDV	0.0115	0.0038	0.004	0.04	3.11						
CBC	0.0684	0.0228	0.014	0.14	12.09						

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	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	ND	ND	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	Lina <b>l</b> ool	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	Terpinolene	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-INST-003.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-000047-LIC

Josh Swider

Lab Director, Managing Partner 05/05/2023

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# Certificate of Analysis

ICAL ID: 20230503-007 Sample: CA230503-006-014 Medterra Daily Delight Gummy, Multiflavored, 25mgCBD/5THC, 20ct Strain: Medterra Daily Delight Gummy, Multiflavored, 25mgCBD/5THC, 20ct Category: Ingestible Type: Other Medterra CBD Lic. # 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: 230502-56208 Batch Size Collected: Total Batch Size: Collected: 05/05/2023; Received: 05/05/2023 Completed: 05/05/2023

### **Residual Solvent Analysis**

Category 1	LOQ LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	<b>µg/g</b> µg/g µg/g	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>	ND	7.575	2.525	5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND 0.729 0.08	3 1	Pass	Ethyl-Acetate	22.2	2.288	0.175	5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND 0.145 0.028	3 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	<u>Status</u>
	µg/g	µg/g	µg/g	µg/g	<u> </u>
Arsenic	0.019	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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Lab Director, Managing Partner

05/05/2023

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ND

ND

ND

ND

0.024

0.047

0.032

0.042

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

Lic.#

0.008

0.016

0.011

0.014

Batch#: 230502-56208 Batch Size Collected: Total Batch Size: Collected: 05/05/2023; Received: 05/05/2023 Completed: 05/05/2023

## **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
Ch <b>l</b> ordane	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	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	Na <b>l</b> ed	ND	0.051	0.017	0.5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass	Oxamy <b>l</b>	ND	0.046	0.015	0.3	Pass
Bosca <b>l</b> 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 <b>l</b>	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	Piperony <b>l</b> 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	Propiconazo <b>l</b> e	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 <b>l</b> 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>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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Josh Swider

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