



# 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

<b>PRODUCT NAME</b>	Medterra Full Spectrum Deep Sleep Gummy, Mixed Berry, 25mgCBD/2mgTHC, 20ct	<b>ITEM Number</b>	M2GY0011
<b>Lot Number</b>	250317-56202-20	<b>Amount Per Bottle:</b>	20ct
<b>Expiration Date:</b>	09/2026	<b>Storage Recommendation:</b>	Room Temperature, away from light

## PHYSICAL QUALITIES

<b>STRENGTH</b>	25mgCBD/2mgTHC / gummy	<b>COLOR</b>	Purple
<b>SIZE</b>	20ct	<b>ODOR</b>	Fruity
<b>ADDITIONAL INFO</b>	n/a	<b>FLAVOR</b>	Mixed Berry

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

Test Performed	Method	Specification	Result	Pass/Fail
CBD	UHPLC - DAD	≥ 25mg / gummy	32.7mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	UHPLC - DAD	≥ 2mg / gummy	2.32mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Additional Minor Cannabinoids	UHPLC - DAD	≥ 3mg / gummy	7.06mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	≥ 3mg / gummy	3.53mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICP-MS	≤ 500ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICP-MS	≤ 500ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICP-MS	≤ 3000ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin B1	LCMS	≤ 20 ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/Fail
Aflatoxin G1	LCMS	≤ 20 ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Ochratoxin A	LCMS	≤ 20 ppb	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
E. Coli	USP2022	Absent	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Salmonella	USP2022	Absent	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Listeria Monocytogenes	qPCR	Absent	NT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Full Pesticide Panel (see attached results for each tested)	LCMS / GCMS	See attached results for Specification of each Pesticide tested	See attached	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Residual Solvents (see attached results for each tested)	GCMS	See attached results for Specification of each Residual Solvent tested	See Attached	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

## NOTES:

n/a 03/31/2025 rcg

Released:

**APPROVED**

*By Raquel Garza at 10:12 am, Mar 31, 2025*

Quality Assurance: \_\_\_\_\_

Date: \_\_\_\_\_

# Certificate of Analysis

Produced: Mar 28, 2025

**Sample:** Medterra Full Spectrum Deep Sleep Gummy, Mixed Berry, 25mgCBD/2mgTHC, 20ct (Edible Solid) • **Client:** Medterra CBD • **Batch:** Pass



**Batch No.:** 250317-56202-20  
**Matrix:** Edible Solid  
**Sample ID:** ICC-250324-09-001  
**Collected on:** Mar 24, 2025  
**Received on:** Mar 24, 2025  
**Sample Size:**  
**Received By:** Stephanie Paule  
**Package Size:** 84.01 g  
**Serving Size:** 4.20 g

**Batch Result:** Pass

<b>Potency</b>	Tested	<b>Microbial</b>	Pass
<b>Additives</b>	Tested	<b>Mycotoxins</b>	Pass
<b>Terpenes</b>	Tested	<b>Pesticides</b>	Pass
<b>Solvents</b>	Pass	<b>Foreign</b>	Pass
<b>Metals</b>	Pass	<b>Water Activity</b>	Pass

**Cannabinoid Overview**

<b>Total THC:</b>	<b>2.32 mg/srv</b>
<b>Total CBD:</b>	<b>32.7 mg/srv</b>
<b>Total Cannabinoids:</b>	<b>42.0 mg/srv</b>
<b>Sum of Cannabinoids:</b>	<b>42.1 mg/srv</b>
<b>Sum of Terpenes:</b>	<b>0.00 mg/srv</b>

**POT-INST-005: POT-INST-005: Potency**

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
CBC	0.0510 %	0.51 mg/g	0.0273/0.0818	N/A
CBD	0.778 %	7.8 mg/g	0.00833/0.0413	N/A
CBDA	ND	ND	0.0199/0.0598	N/A
CBDV	< 1 mg/g	< 1 mg/g	0.00661/0.0413	N/A
CBG	0.0831 %	0.83 mg/g	0.00941/0.0413	N/A
CBGA	ND	ND	0.0147/0.0441	N/A
CBL	ND	ND	0.00650/0.0413	N/A
CBN	0.0340 %	0.34 mg/g	0.00941/0.0413	N/A
CBT	ND	ND	0.0118/0.0413	N/A
Δ <sup>8</sup> -THC	ND	ND	0.00668/0.0413	N/A
Δ <sup>9</sup> -THC	0.0552 %	0.55 mg/g	0.0110/0.0413	N/A
THCA	ND	ND	0.0152/0.0455	N/A
THCV	ND	ND	0.00510/0.0413	N/A

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
<b>Total THC**</b>	0.0552 %	0.55 mg/g		N/A
<b>Total CBD**</b>	0.778 %	7.8 mg/g		N/A
<b>CBD/Srv</b>		32.7 mg		N/A
<b>Δ<sup>9</sup>-THC/Srv</b>		2.32 mg		N/A
<b>Total THC/Srv**</b>		2.32 mg		N/A
<b>Total CBD/Srv**</b>		32.7 mg		N/A
<b>CBD/Pkg</b>		654 mg		N/A
<b>Δ<sup>9</sup>-THC/Pkg</b>		46.4 mg		N/A
<b>Total THC/Pkg**</b>		46.4 mg		N/A
<b>Total CBD/Pkg**</b>		654 mg		N/A
<b>Total Cannabinoids**</b>	1.00 %	10 mg/g		N/A
<b>Total Cannabinoids/Pkg**</b>		841 mg		N/A
<b>Total Cannabinoids/Srv**</b>		42.1 mg		N/A

\*\* Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids \* 0.877)

\*\* Total THC = Delta-9-THC + (THCA x 0.877)

\*\* Total CBD = CBD + (CBDA x 0.877)

NR= Not Reported, ND= Not Detected, \*Reported by Dry Mass\*; \*analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope\*

\*Density tested at a temperature range between 19-24 °C, \*Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.



**SUPP-006: SUPP-006: Melatonin • Mar 28, 2025**

Analyte	Limit	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Pass/Fail
Melatonin		3.53	70.7	0.0841	0.00797/0.0889	N/A

Compliance requirements for this test are taken from California Cannabis regulations.

**TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Mar 27, 2025**

Analyte	Amt (%)	Amt	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt	LOD/LOQ (mg/g)
Total Terpenes	ND	ND		cis-Nerolidol	ND	ND	0.0940/0.281
(-)-β-Citronellol	ND	ND	0.138/0.598	Δ <sup>3</sup> -Carene	ND	ND	0.0140/0.306
α-Bisabolol	ND	ND	0.0670/0.201	Eucalyptol	ND	ND	0.0720/0.215
α-Cedrene	ND	ND	0.0410/0.151	Fenchol	ND	ND	0.0110/0.152
α-Humulene	ND	ND	0.0100/0.151	Fenchone	ND	ND	0.00700/0.151
α-Pinene	ND	ND	0.0260/0.151	γ-Terpinene	ND	ND	0.0290/0.152
α-Terpinene	ND	ND	0.0400/0.151	Geraniol	ND	ND	0.108/0.609
α-Terpineol	ND	ND	0.0160/0.154	Geranyl Acetate	ND	ND	0.0320/0.151
β-Caryophyllene	ND	ND	0.197/0.608	Guaiol	ND	ND	0.0840/0.253
β-Eudesmol	ND	ND	0.0500/0.154	Isoborneol	ND	ND	0.0200/0.151
β-Myrcene	ND	ND	0.0160/0.153	Limonene	ND	ND	0.0960/0.306
β-Pinene	ND	ND	0.0240/0.306	Linalool	ND	ND	0.0290/0.154
Borneol	ND	ND	0.0230/0.154	Menthol	ND	ND	0.0330/0.151
Camphene	ND	ND	0.0200/0.151	p-Cymene	ND	ND	0.0380/0.155
Camphor	ND	ND	0.0620/0.306	Pulegone	ND	ND	0.0550/0.165
Caryophyllene Oxide	ND	ND	0.0640/0.602	Terpinolene	ND	ND	0.0210/0.154
Cedrol	ND	ND	0.0390/0.151	trans-Nerolidol	ND	ND	0.0570/0.170

Compliance requirements for this test are taken from California Cannabis regulations.

**Utah RS-PREP-001, Utah RS-INST-003: Utah RS-PREP-001, Utah RS-INST-003: Utah Residual Solvents by GC-MS • Mar 25, 2025**

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dimethoxyethane	100	ND	6.00/18.0	Pass	Ethyl acetate	5000	ND	0.638/4.67	Pass
1,4-Dioxane	380	ND	12.9/38.6	Pass	Ethylbenzene		ND	3.50/10.5	N/A
1-Butanol	5000	9.94	3.10/9.40	Pass	Ethylene glycol	620	ND	3.40/10.3	Pass
1-Pentanol	5000	ND	10.0/29.9	Pass	Ethylene oxide	50	ND	0.312/1.18	Pass
2,2-Dimethylbutane	290	ND	0.900/2.60	Pass	Ethyl ether	5000	ND	2.41/7.24	Pass
2,3-Dimethylbutane	290	ND	0.900/2.80	Pass	Heptane	5000	ND	1.40/5.83	Pass
2-Butanol	5000	ND	9.60/28.7	Pass	Hexane	290	ND	0.135/0.573	Pass
2-Butanone	5000	ND	7.20/21.6	Pass	Isopropyl acetate	5000	ND	4.10/12.4	Pass
2-Ethoxyethanol	160	ND	3.90/11.6	Pass	Methanol	3000	ND	6.06/18.2	Pass
2-Methylbutane	5000	ND	0.700/2.00	Pass	Methylpropane	5000	ND	10.2/30.7	Pass
2-Methylpentane	290	ND	9.10/27.2	Pass	N,N-Dimethylacetamide	1090	ND	269/807	Pass
2-Propanol	5000	ND	2.61/7.83	Pass	N,N-Dimethylformamide	880	ND	2.70/8.20	Pass
3-Methylpentane	290	ND	7.40/22.1	Pass	Pentane	5000	ND	1.96/8.71	Pass
Acetone	5000	ND	34.8/105	Pass	Propane	5000	ND	9.04/27.1	Pass
Acetonitrile	410	ND	0.245/0.732	Pass	Propanol	5000	< LOQ	7.00/21.0	Pass
Benzene	2	ND	0.0428/0.130	Pass	Pyridine	100	ND	19.6/58.6	Pass
Butane	5000	ND	1.98/9.89	Pass	Sulfolane	160	ND	22.9/68.7	Pass
Cumene	70	ND	8.30/25.0	Pass	Tetrahydrofuran	720	ND	6.20/18.6	Pass
Cyclohexane	3880	ND	8.40/25.3	Pass	Toluene	890	ND	0.179/1.76	Pass
Dichloromethane	600	ND	4.00/11.9	Pass	o-Xylene		ND	0.205/1.75	N/A
Dimethyl sulfoxide	5000	ND	8.40/25.2	Pass	p- and m-Xylene		ND	0.235/3.50	N/A
Ethanol	5000	ND	5.33/16.0	Pass	Total xylenes + Ethylbenzene	2170	ND		Pass

Compliance requirements for this test are taken from Utah Hemp regulations.

**HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Mar 25, 2025**

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass	Lead	0.5	< LOQ	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

**MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Mar 25, 2025**

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass	Shiga toxin-producing E. coli	ND	Pass

Compliance requirements for this test are taken from California Cannabis regulations.



**PCR-Staphylococcus aureus/Pseudomonas aeruginosa • Mar 25, 2025**

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Pseudomonas aeruginosa	ND	N/A	Staphylococcus aureus	ND	N/A

Compliance requirements for this test are taken from California Cannabis regulations.

**MICR-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • Mar 26, 2025**

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	Pass

Compliance requirements for this test are taken from Colorado Hemp regulations.

**MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • Mar 26, 2025**

Analyte	Amt	Pass/Fail
Yeast & Mold	ND	Pass

Compliance requirements for this test are taken from Colorado Hemp regulations.

**PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Mar 25, 2025**

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.60/7.88	N/A	Aflatoxin G2		ND	1.89/5.72	N/A
Aflatoxin B2		ND	2.04/6.18	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	2.97/8.99	N/A	Ochratoxin A	20	ND	3.87/11.7	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

**PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Mar 25, 2025**

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.3	ND	0.0500/0.100	Pass	Malathion	5	ND	0.0117/0.0354	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Metalaxyl	15	ND	0.0101/0.0306	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Boscalid	10	ND	0.0197/0.0596	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Diazinon	0.2	ND	0.00645/0.0300	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Dimethomorph	20	ND	0.0137/0.0416	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spinosad	3	ND	0.00410/0.0300	Pass
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Flonicamid	2	ND	0.0268/0.0811	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Fludioxonil	30	ND	0.0153/0.0464	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Hexythiazox	2	ND	0.0257/0.0778	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Imazalil	Any amt	ND	0.0156/0.0474	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Imidacloprid	3	ND	0.0235/0.0711	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Kresoxim-methyl	1	ND	0.0125/0.0379	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass

Compliance requirements for this test are taken from California Cannabis regulations.



# PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Mar 25, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	5	ND	0.120/0.358	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass
Cyfluthrin	1	ND	0.0186/0.0558	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Cypermethrin	1	ND	0.0145/0.0435	Pass
Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

## Water Activity by Water Activity Meter • Mar 25, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.554	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

