



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 Unwind Gummies, Multi-flavored, 20ct	ITEM Number	M2GY0015
Lot Number	250219-56211-20	Amount Per Bottle:	20ct
Expiration Date:	08/2026	Storage Recommendation:	Room Temperature, away from light

PHYSICAL QUALITIES

STRENGTH	50mg CBD / 5mg THC per gummy	COLOR	Multi-color
SIZE	20ct	ODOR	Fruity
ADDITIONAL INFO	n/a	FLAVOR	Multiflavor

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

Test Performed	Method	Specification	Result	Pass/Fail
CBD	LCVU / HPLC	≥50mg / gummy	54.4mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LCVU / HPLC	≥5mg / gummy	5.02mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Additional Minor Cannabinoids	LCVU / HPLC	≥3mg / gummy	6.32mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
L-Theanine	HPLC	≥100mg / gummy	112mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICP-MS	≤ 500ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICP-MS	≤ 500ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICP-MS	≤ 3000ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin B1	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin G1	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Ochratoxin A	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/Fail
E. Coli	USP2022	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Salmonella	USP2022	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Listeria Monocytogenes	qPCR	Absent	NT	<input checked="" 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 03/06/2025 JLM

Released:

APPROVED

Quality Assurance:

By Jena Murray at 9:38 am, Mar 06, 2025

Date: 03/06/2025

Certificate of Analysis

Produced: Mar 05, 2025

Sample: Medterra Unwind Gummies, Multi-Flavored, 20ct (Edible Solid) • Client: Medterra CBD • Batch: Pass



Batch No.: 250219-56211-20
Matrix: Edible Solid
Sample ID: ICC-250227-12-001
Collected on: Feb 27, 2025
Received on: Feb 27, 2025
Sample Size:
Received By: Stephanie Paule
Package Size: 93.01 g
Serving Size: 4.65 g

Batch Result: Pass

Potency	Tested	Microbial	Pass
Alkaloids	Tested	Mycotoxins	Pass
Terpenes	Tested	Pesticides	Pass
Solvents	Pass	Foreign	Pass
Metals	Pass	Water Activity	Pass

Cannabinoid Overview

Total THC:	5.02 mg/srv
Total CBD:	54.4 mg/srv
Total Cannabinoids:	66.0 mg/srv
Sum of Cannabinoids:	66.1 mg/srv
Sum of Terpenes:	0.00 mg/srv
Sum of Alkaloids:	112 mg/srv

POT-INST-005: POT-INST-005: Potency • Feb 28, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
CBC	1.42	28.5	0.0306	0.306	0.0283/0.0848	CBT			ND	ND	0.0123/0.0429
CBD	54.4	1090	1.17	11.7	0.00865/0.0429	Δ ⁸ -THC			ND	ND	0.00693/0.0429
CBDA			ND	ND	0.0207/0.0620	Δ ⁹ -THC	5.02	100	0.108	1.08	0.0114/0.0429
CBDV	0.385	7.69	0.00827	0.0827	0.00686/0.0429	THCA			ND	ND	0.0157/0.0472
CBG	3.33	66.7	0.0717	0.717	0.00976/0.0429	THCV			ND	ND	0.00529/0.0429
CBGA			ND	ND	0.0152/0.0458	Total THC**	5.02	100	0.108	1.08	
CBL			ND	ND	0.00675/0.0429	Total CBD**	54.4	1090	1.17	11.7	
CBN	1.57	31.3	0.0337	0.337	0.00976/0.0429						

** 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.
Compliance requirements for this test are taken from California CDPH Hemp regulations.

L-Theanine • Feb 28, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Pass/Fail
L-Theanine	112	2240	2.41	0.0600/0.913	N/A

Compliance requirements for this test are taken from No Compliance regulations.



TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Mar 05, 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 ³ -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	Guaial	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 • Feb 28, 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	0.651/4.76	Pass
1,4-Dioxane	380	ND	12.9/38.6	Pass	Ethylbenzene		ND	3.50/10.5	N/A
1-Butanol	5000	ND	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	0.318/1.20	Pass
2,2-Dimethylbutane	290	ND	0.900/2.60	Pass	Ethyl ether	5000	ND	2.46/7.38	Pass
2,3-Dimethylbutane	290	ND	0.900/2.80	Pass	Heptane	5000	ND	1.43/5.94	Pass
2-Butanol	5000	ND	9.60/28.7	Pass	Hexane	290	ND	0.137/0.584	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	6.18/18.5	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	2.66/7.98	Pass	N,N-Dimethylformamide	880	ND	2.70/8.20	Pass
3-Methylpentane	290	ND	7.40/22.1	Pass	Pentane	5000	ND	2.00/8.88	Pass
Acetone	5000	ND	35.5/107	Pass	Propane	5000	ND	9.22/27.7	Pass
Acetonitrile	410	4.03	0.249/0.746	Pass	Propanol	5000	ND	7.00/21.0	Pass
Benzene	2	ND	0.0437/0.133	Pass	Pyridine	100	ND	19.6/58.6	Pass
Butane	5000	ND	2.02/10.1	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	0.183/1.80	Pass
Dichloromethane	600	ND	4.00/11.9	Pass	o-Xylene		ND	0.209/1.78	N/A
Dimethyl sulfoxide	5000	ND	8.40/25.2	Pass	p- and m-Xylene		ND	0.240/3.56	N/A
Ethanol	5000	< LOQ	5.43/16.3	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 • Feb 27, 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) • Feb 28, 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 • Feb 28, 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 Colorado Hemp regulations.



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MICR-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • Mar 05, 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 05, 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 • Feb 28, 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.									

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Feb 28, 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
Captan	5	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0145/0.0435	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass
Cyfluthrin	1	ND	0.0186/0.0558	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 • Feb 28, 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.									



[Signature]

Water Activity by Water Activity Meter • Feb 27, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.520	Pass

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



A handwritten signature in black ink, appearing to read "DM", located at the bottom right of the page next to the certification date.