



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 Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct | ITEM Number | 7301088690025861 |
| Lot Number | 250716-56204 | Amount Per Bottle: | 30ct |
| Expiration Date: | 01/2027 | Storage Recommendation: | Room temperature, away from light. |

PHYSICAL QUALITIES

| | | | |
|------------------------|--------------------|---------------|---------------------|
| STRENGTH | 25mg CBD per gummy | COLOR | Purple |
| SIZE | 30ct | ODOR | Fruity |
| ADDITIONAL INFO | n/a | FLAVOR | Blackberry Lemonade |

| 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 |
|-----------------------|-------------------------|-----------------|---------------|---|
| L-Theanine | HPLC | ≥ 100mg / gummy | 100mg / gummy | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| CBD | UHPLC - DAD | ≥ 25mg / gummy | 28mg / gummy | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| THC | UHPLC - DAD | ≤ 0.01% | Pass | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Chamomile | Quantification by Input | ≥ 50mg / gummy | Pass | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Lemon Balm | Quantification by Input | ≥ 50mg / gummy | Pass | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Passionflower Extract | Quantification by Input | ≥ 40mg / gummy | Pass | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| 5-HTP | HPLC | ≥ 10mg / gummy | 10mg / gummy | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Melatonin | HPLC | ≥ 3mg / gummy | 3mg / 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 |



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| Test Performed | Method | Specification | Result | Pass/Fail |
|---|-------------|--|--------------|---|
| Aflatoxin B1 | LCMS | ≤ 20 ppb | Pass | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> 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 07/25/2025 rcg

Released:

APPROVED

By Raquel Garza at 2:47 pm, Jul 25, 2025

Quality Assurance: _____ Date: _____

Certificate of Analysis

Produced: Jul 23, 2025

Sample: Medterra Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct (Edible Solid) • **Client:** Medterra CBD • **Batch:** Pass



Batch No.: 250716-56204
Matrix: Edible Solid
Sample ID: ICC-250721-19-001
Collected on: Jul 21, 2025
Received on: Jul 21, 2025
Batch Size:
Sample Size:
Package Size: 132.98 g
Serving Size: 4.43 g

Batch Result: Pass

| | | | |
|------------------|--------|-----------------------|------|
| Potency | Tested | Microbial | Pass |
| Alkaloids | Tested | Mycotoxins | Pass |
| Additives | Tested | Pesticides | Pass |
| Solvents | Pass | Foreign | Pass |
| Metals | Pass | Water Activity | Pass |

Cannabinoid Overview

| | |
|-----------------------------|---------------------|
| Δ⁹-THC: | 0.000 mg/srv |
| CBD: | 28.0 mg/srv |
| Total Cannabinoids: | 28.0 mg/srv |
| Sum of Cannabinoids: | 28.0 mg/srv |
| L-Theanine: | 93.9 mg/srv |

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

| Analyte | Amt (mg/srv) | Amt (mg/pkg) | Amt (%) | Amt (mg/g) | LOD/LOQ (mg/g) | Pass/Fail |
|---------|--------------|--------------|---------|------------|----------------|-----------|
| CBC | | | ND | ND | 0.0280/0.0838 | N/A |
| CBD | 28.0 | 842 | 0.633 | 6.3 | 0.00855/0.0424 | N/A |
| CBDA | | | ND | ND | 0.0204/0.0613 | N/A |
| CBDV | | | ND | ND | 0.00678/0.0424 | N/A |
| CBG | | | ND | ND | 0.00965/0.0424 | N/A |
| CBGA | | | ND | ND | 0.0151/0.0452 | N/A |
| CBL | | | ND | ND | 0.00667/0.0424 | N/A |
| CBN | | | ND | ND | 0.00965/0.0424 | N/A |

| Analyte | Amt (mg/srv) | Amt (mg/pkg) | Amt (%) | Amt (mg/g) | LOD/LOQ (mg/g) | Pass/Fail |
|-----------------------------|--------------|--------------|---------|------------|----------------|-----------|
| CBT | | | ND | ND | 0.0121/0.0424 | N/A |
| Δ ⁸ -THC | | | ND | ND | 0.00685/0.0424 | N/A |
| Δ ⁹ -THC | | | ND | ND | 0.0113/0.0424 | N/A |
| THCA | | | ND | ND | 0.0155/0.0466 | N/A |
| THCV | | | ND | ND | 0.00523/0.0424 | N/A |
| Total THC** | | | ND | ND | | N/A |
| Total CBD** | 28.0 | 842 | 0.633 | 6.3 | | N/A |
| Total Cannabinoids** | 28.0 | 842 | 0.633 | 6.3 | | 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.



SOP-DS-LC-005: SOP-DS-LC-005: 5-HTP • Jul 23, 2025

| Analyte | Amt (mg/srv) | Amt (mg/pkg) | Amt (%) | LOD/LOQ (mg/g) |
|---------------------|--------------|--------------|---------|----------------|
| 5-Hydroxytryptophan | 9.88 | 297 | 0.223 | 0.00683/0.0907 |

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

L-Theanine • Jul 23, 2025

| Analyte | Amt (mg/srv) | Amt (mg/pkg) | Amt (%) | LOD/LOQ (mg/g) |
|------------|--------------|--------------|---------|----------------|
| L-Theanine | 93.9 | 2820 | 2.12 | 0.0597/0.910 |

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

SUPP-006: SUPP-006: Melatonin • Jul 23, 2025

| Analyte | Amt (mg/srv) | Amt (mg/pkg) | Amt (%) | LOD/LOQ (mg/g) |
|-----------|--------------|--------------|---------|----------------|
| Melatonin | 3.24 | 97.2 | 0.0731 | 0.00817/0.0911 |

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

Utah RS-PREP-001, Utah RS-INST-003: Utah RS-PREP-001, Utah RS-INST-003: Utah Residual Solvents by GC-MS • Jul 22, 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 | 14.3/42.8 | 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 | 6.50/19.6 | Pass |
| 2,2-Dimethylbutane | 290 | ND | 0.900/2.60 | Pass | Ethyl ether | 5000 | ND | 6.80/20.4 | Pass |
| 2,3-Dimethylbutane | 290 | ND | 0.900/2.80 | Pass | Heptane | 5000 | ND | 0.400/1.20 | Pass |
| 2-Butanol | 5000 | ND | 9.60/28.7 | Pass | Hexane | 290 | ND | 0.500/1.50 | 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 | 18.4/55.3 | 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 | 11.5/34.6 | Pass | N,N-Dimethylformamide | 880 | ND | 2.70/8.20 | Pass |
| 3-Methylpentane | 290 | ND | 7.40/22.1 | Pass | Pentane | 5000 | ND | 0.800/2.50 | Pass |
| Acetone | 5000 | ND | 8.20/24.7 | Pass | Propane | 5000 | ND | 7.90/23.8 | Pass |
| Acetonitrile | 410 | ND | 8.40/25.1 | Pass | Propanol | 5000 | ND | 7.00/21.0 | Pass |
| Benzene | 2 | ND | 0.400/1.10 | Pass | Pyridine | 100 | ND | 19.6/58.6 | Pass |
| Butane | 5000 | ND | 9.60/28.7 | 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 | 0.400/1.20 | Pass |
| Dichloromethane | 600 | ND | 4.00/11.9 | Pass | o-Xylene | | ND | 8.80/26.3 | N/A |
| Dimethyl sulfoxide | 5000 | ND | 8.40/25.2 | Pass | p- and m-Xylene | | ND | 1.60/4.90 | N/A |
| Ethanol | 5000 | ND | 4.80/14.4 | Pass | Total xylenes + Ethylbenzene | 2170 | ND | | Pass |

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

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Jul 22, 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 | 0.00601 | 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 CA Cannabis/Hemp (Based on Submission Type) regulations.

MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Jul 22, 2025

| Analyte | Limit | Amt | Pass/Fail | Analyte | Limit | Amt | Pass/Fail |
|-----------------|-------------------|-----|-----------|-------------------------------|-------------------|-----|-----------|
| Salmonella spp. | Any amt in 1 gram | ND | Pass | Shiga toxin-producing E. coli | Any amt in 1 gram | ND | Pass |

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

PCR-Staphylococcus aureus/Pseudomonas aeruginosa • Jul 22, 2025

| Analyte | Limit | Amt (CFU/g) | Pass/Fail | Analyte | Limit | Amt (CFU/g) | Pass/Fail |
|------------------------|-------|-------------|-----------|-----------------------|-------|-------------|-----------|
| Pseudomonas aeruginosa | | ND | N/A | Staphylococcus aureus | | ND | N/A |

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



MICR-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • Jul 23, 2025

| Analyte | Limit (CFU/g) | Amt (CFU/g) | Pass/Fail |
|------------------|---------------|-------------|-----------|
| Aerobic Bacteria | 10000 | <100 | Pass |

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

MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • Jul 23, 2025

| Analyte | Limit (CFU/g) | Amt (CFU/g) | Pass/Fail |
|--------------|---------------|-------------|-----------|
| Yeast & Mold | 1000 | <100 | Pass |

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

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Jul 23, 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 CA Cannabis/Hemp (Based on Submission Type) regulations.

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Jul 23, 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 CA Cannabis/Hemp (Based on Submission Type) regulations.

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Jul 23, 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 | Imazalil | Any amt | ND | 0.0156/0.0474 | Pass |
| Acephate | 5 | ND | 0.0164/0.0497 | Pass | Imidacloprid | 3 | ND | 0.0235/0.0711 | Pass |
| Acequinocyl | 4 | ND | 0.0194/0.0587 | Pass | Kresoxim-methyl | 1 | ND | 0.0125/0.0379 | Pass |
| Acetamiprid | 5 | ND | 0.0146/0.0442 | Pass | Malathion | 5 | ND | 0.0117/0.0354 | Pass |
| Aldicarb | Any amt | ND | 0.0216/0.0654 | Pass | Metalaxyl | 15 | ND | 0.0101/0.0306 | Pass |
| Azoxystrobin | 40 | ND | 0.00960/0.0291 | Pass | Methiocarb | Any amt | ND | 0.0156/0.0473 | Pass |
| Bifenazate | 5 | ND | 0.0115/0.0349 | Pass | Methomyl | 0.1 | ND | 0.0158/0.0479 | Pass |
| Bifenthrin | 0.5 | ND | 0.0130/0.0395 | Pass | Mevinphos | Any amt | ND | 0.0139/0.0423 | Pass |
| Boscalid | 10 | ND | 0.0197/0.0596 | Pass | Myclobutanil | 9 | ND | 0.0180/0.0546 | Pass |
| Carbaryl | 0.5 | ND | 0.0160/0.0486 | Pass | Naled | 0.5 | ND | 0.0170/0.0514 | Pass |
| Carbofuran | Any amt | ND | 0.00902/0.0300 | Pass | Oxamyl | 0.2 | ND | 0.0153/0.0465 | Pass |
| Chlorantraniliprole | 40 | ND | 0.0209/0.0632 | Pass | Paclobutrazol | Any amt | ND | 0.0132/0.0400 | Pass |
| Chlorpyrifos | Any amt | ND | 0.0176/0.0534 | Pass | Permethrin | 20 | ND | 0.00831/0.0300 | Pass |
| Clofentezine | 0.5 | ND | 0.0129/0.0389 | Pass | Phosmet | 0.2 | ND | 0.0125/0.0377 | Pass |
| Coumaphos | Any amt | ND | 0.0185/0.0559 | Pass | Piperonylbutoxide | 8 | ND | 0.00759/0.0300 | Pass |
| Daminozide | Any amt | ND | 0.0261/0.0791 | Pass | Prallethrin | 0.4 | ND | 0.0226/0.0685 | Pass |
| Diazinon | 0.2 | ND | 0.00645/0.0300 | Pass | Propiconazole | 20 | ND | 0.0195/0.0590 | Pass |
| Dichlorvos | Any amt | ND | 0.0223/0.0674 | Pass | Propoxur | Any amt | ND | 0.0155/0.0471 | Pass |
| Dimethoate | Any amt | ND | 0.0118/0.0356 | Pass | Pyrethrins | 1 | ND | 0.00431/0.0300 | Pass |
| 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 | Spinosad | 3 | ND | 0.00410/0.0300 | Pass |
| Etoxazole | 1.5 | ND | 0.00783/0.0300 | Pass | Spiromesifen | 12 | ND | 0.0137/0.0416 | Pass |
| Fenhexamid | 10 | ND | 0.0129/0.0392 | Pass | Spirotetramat | 13 | ND | 0.0134/0.0407 | Pass |
| Fenoxycarb | Any amt | ND | 0.0144/0.0435 | Pass | Spiroxamine | Any amt | ND | 0.0106/0.0320 | Pass |
| Fenpyroximate | 2 | ND | 0.00972/0.0300 | Pass | Tebuconazole | 2 | ND | 0.0144/0.0437 | Pass |
| Fipronil | Any amt | ND | 0.0148/0.0447 | Pass | Thiacloprid | Any amt | ND | 0.0139/0.0421 | Pass |
| Fonicamid | 2 | ND | 0.0268/0.0811 | Pass | Thiamethoxam | 4.5 | ND | 0.0181/0.0549 | Pass |
| Fludioxonil | 30 | ND | 0.0153/0.0464 | Pass | Trifloxystrobin | 30 | ND | 0.0102/0.0310 | Pass |
| Hexythiazox | 2 | ND | 0.0257/0.0778 | Pass | | | | | |

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.



Water Activity by Water Activity Meter • Jul 22, 2025

| Analyte | Limit (Aw) | Amt (Aw) | Pass/Fail |
|----------------|------------|----------|-----------|
| Water Activity | 0.85 | 0.645 | Pass |

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

