



# 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 Pet CBD Tincture, Beef, 750mg, 30mL | ITEM Number             | 7304012020750030                |
| Lot Number       | LE250034                                     | Amount Per Bottle:      | 30ml                            |
| Expiration Date: | 07/2027                                      | Storage Recommendation: | Room temperate, away from light |

## PHYSICAL QUALITIES

|                 |                        |        |       |
|-----------------|------------------------|--------|-------|
| STRENGTH        | 750mg / 30ml container | COLOR  | Amber |
| SIZE            | 30ml                   | ODOR   | Beef  |
| ADDITIONAL INFO | n/a                    | FLAVOR | Beef  |

| 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            | UHPLC-DAD | ≥ 750mg / container | 782mg / container | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| THC            | UHPLC-DAD | < 0.01%             | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Arsenic        | ICP-MS    | ≤ 1500ppb           | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Cadmium        | ICP-MS    | ≤ 500ppb            | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Lead           | ICP-MS    | ≤ 500ppb            | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Mercury        | ICP-MS    | ≤ 3000ppb           | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Aflatoxin B1   | LCMS      | ≤ 20 ppb            | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Aflatoxin G1   | LCMS      | ≤ 20 ppb            | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Ochratoxin A   | LCMS      | ≤ 20 ppb            | Pass              | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| E. Coli        | USP2022   | Absent              | Pass              | <input checked="" type="checkbox"/> Pass                                  |



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| Test Performed  | Method      | Specification  | Result       | Pass/Fail   |
|---|-------------|--|--------------|---|
|   |             |  |              | <input type="checkbox"/> Fail   |
| Salmonella  | USP2022     | Absent   | Pass         | <input checked="" type="checkbox"/> Pass<br><input type="checkbox"/> Fail |
| Aspergillus (Flavus, Fumigatus, Niger, Terreus)             | qPCR        | Absent   | Pass         | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail            |
| Listeria Monocytogenes                                      | qPCR        | Absent   | NT           | <input type="checkbox"/> Pass<br><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<br><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<br><input type="checkbox"/> Fail |

## NOTES:

n/a 09/02/2025 rcg

Released:

**APPROVED**

*By Raquel Garza at 11:01 am, Sep 02, 2025*

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

## Certificate of Analysis

Produced: Aug 28, 2025

Sample: Medterra Pet CBD Tincture Drops, Beef, 750mg, 30mL (Tincture) • Client: Medterra CBD • Batch: Pass



Batch No.: LE250034

Matrix: Tincture

Density: 0.93058 g/ml

Sample ID: ICC-250818-19-001

Collected on: Aug 18, 2025

Received on: Aug 18, 2025

Sample Size:

Package Size: 27.9174 g

Batch Result: Pass

## Cannabinoid Overview

|          |        |            |      |
|----------|--------|------------|------|
| Potency  | Tested | Microbial  | Pass |
| Solvents | Pass   | Mycotoxins | Pass |
| Metals   | Pass   | Pesticides | Pass |

|                      |              |
|----------------------|--------------|
| Total THC:           | 0.000 mg/pkg |
| Total CBD:           | 782 mg/pkg   |
| Total Cannabinoids:  | 787 mg/pkg   |
| Sum of Cannabinoids: | 788 mg/pkg   |

## POT-INST-005: Potency

| Analyte | Amt (mg/pkg) | Amt (%) | Amt (mg/ml) | LOD/LOQ (mg/ml) | Pass/Fail | Analyte              | Amt (mg/pkg) | Amt (%) | Amt (mg/ml) | LOD/LOQ (mg/ml) | Pass/Fail |
|---------|--------------|---------|-------------|-----------------|-----------|----------------------|--------------|---------|-------------|-----------------|-----------|
| CBC     |              | ND      | ND          | 0.0224/0.0674   | N/A       | CBT                  |              | ND      | ND          | 0.00977/0.0341  | N/A       |
| CBD     | 782          | 2.80    | 26.1        | 0.00687/0.0341  | N/A       | Δ <sup>8</sup> -THC  |              | ND      | ND          | 0.00550/0.0341  | N/A       |
| CBDA    |              | ND      | ND          | 0.0164/0.0492   | N/A       | Δ <sup>9</sup> -THC  |              | ND      | ND          | 0.00908/0.0341  | N/A       |
| CBDV    | 6.20         | 0.0222  | 0.207       | 0.00544/0.0341  | N/A       | THCA                 |              | ND      | ND          | 0.0125/0.0375   | N/A       |
| CBG     |              | ND      | ND          | 0.00775/0.0341  | N/A       | THCV                 |              | ND      | ND          | 0.00421/0.0341  | N/A       |
| CBGA    |              | ND      | ND          | 0.0121/0.0364   | N/A       | Total THC**          |              | ND      | ND          |                 | N/A       |
| CBL     |              | ND      | ND          | 0.00536/0.0341  | N/A       | Total CBD**          | 782          | 2.80    | 26.1        |                 | N/A       |
| CBN     |              | ND      | ND          | 0.00775/0.0341  | N/A       | Total Cannabinoids** | 788          | 2.82    | 26.3        |                 | N/A       |

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

\*\* Total THC = Delta-10-THC + Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + THC-O-acetate + (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.



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<https://lims.tagleaf.com/clientCoas/9fbee891-98e5-4d29-8a12-bb21e87f37fa>

 Results Certified By: David Marelius PhD  
 Lab Director, Infinite Chemical Analysis Labs, CA  
 Aug 28, 2025

**RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Aug 21, 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-Dichloroethane | 1            | ND         | 0.168/0.512    | Pass      | Hexane             | 290          | ND         | 0.0663/0.282   | Pass      |
| Acetone            | 5000         | 107        | 17.2/51.5      | Pass      | Isopropyl alcohol  | 5000         | 9.04       | 1.29/3.86      | Pass      |
| Acetonitrile       | 410          | 8.20       | 0.121/0.361    | Pass      | Methanol           | 3000         | 103        | 2.99/8.96      | Pass      |
| Benzene            | 1            | ND         | 0.0211/0.0642  | Pass      | Methylene chloride | 1            | ND         | 0.128/0.733    | Pass      |
| Butane             | 5000         | ND         | 0.976/4.87     | Pass      | Pentane            | 5000         | 8.80       | 0.967/4.29     | Pass      |
| Chloroform         | 1            | ND         | 0.0362/0.109   | Pass      | Propane            | 5000         | ND         | 4.46/13.4      | Pass      |
| Ethanol            | 5000         | ND         | 2.63/7.88      | Pass      | Toluene            | 890          | ND         | 0.0884/0.868   | Pass      |
| Ethyl acetate      | 5000         | ND         | 0.315/2.30     | Pass      | Trichloroethylene  | 1            | ND         | 0.0181/0.146   | Pass      |
| Ethylene oxide     | 1            | ND         | 0.154/0.582    | Pass      | o-Xylene           | ND           | ND         | 0.101/0.861    | N/A       |
| Ethyl ether        | 5000         | ND         | 1.19/3.57      | Pass      | p- and m-Xylene    | ND           | ND         | 0.116/1.72     | N/A       |
| Heptane            | 5000         | ND         | 0.690/2.87     | Pass      | Total xylenes      | 2170         | ND         |                | Pass      |

**HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Aug 19, 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      |

**MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable) • Aug 20, 2025**

| Analyte               | Limit | Amt | Pass/Fail | Analyte                       | Limit             | Amt | Pass/Fail |
|-----------------------|-------|-----|-----------|-------------------------------|-------------------|-----|-----------|
| Aspergillus flavus    | ND    | ND  | N/A       | Aspergillus terreus           | ND                | ND  | N/A       |
| Aspergillus fumigatus | ND    | ND  | N/A       | Salmonella spp.               | Any amt in 1 gram | ND  | Pass      |
| Aspergillus niger     | ND    | ND  | N/A       | Shiga toxin-producing E. coli | Any amt in 1 gram | ND  | Pass      |

**MICR-002: MICR-002: Petrifilm-Aerobic • Aug 20, 2025**

| Analyte          | Limit | Amt | Pass/Fail |
|------------------|-------|-----|-----------|
| Aerobic Bacteria | ND    | ND  | N/A       |

**MICR-002: MICR-002: Petrifilm-Coliforms • Aug 20, 2025**

| Analyte   | Limit | Amt (CFU/g) | Pass/Fail |
|-----------|-------|-------------|-----------|
| Coliforms | ND    | ND          | N/A       |

**MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold • Aug 20, 2025**

| Analyte      | Limit | Amt | Pass/Fail |
|--------------|-------|-----|-----------|
| Yeast & Mold | ND    | ND  | N/A       |

**PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Aug 22, 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            | ND          | 2.05/6.20       | N/A       | Aflatoxin G2 | ND            | ND          | 1.02/5.00       | N/A       |
| Aflatoxin B2 | ND            | ND          | 1.63/5.00       | N/A       | Aflatoxins   | 20            | ND          |                 | Pass      |
| Aflatoxin G1 | ND            | ND          | 1.77/5.38       | N/A       | Ochratoxin A | 20            | ND          | 5.42/16.4       | Pass      |

**PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Aug 20, 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      |                         |              |            |                |           |



| 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      | Methiocarb              | Any amt      | ND         | 0.00542/0.0300 | Pass      |
| Abamectin Ba        |              | ND         | 0.0330/0.090   | N/A       | Methomyl                | 0.1          | ND         | 0.00645/0.0300 | Pass      |
| Acephate            | 5            | ND         | 0.0209/0.0635  | Pass      | Mevinphos               | Any amt      | ND         | 0.0105/0.0319  | Pass      |
| Acquinocyl          | 4            | ND         | 0.0115/0.0347  | Pass      | Myclobutanil            | 9            | ND         | 0.00735/0.0300 | Pass      |
| Acetamiprid         | 5            | ND         | 0.00581/0.0300 | Pass      | Naled                   | 0.5          | ND         | 0.00459/0.0300 | Pass      |
| Aldicarb            | Any amt      | ND         | 0.00935/0.0300 | Pass      | Oxamyl                  | 0.2          | ND         | 0.00850/0.0300 | Pass      |
| Azoxystrobin        | 40           | ND         | 0.00322/0.0300 | Pass      | Paclbutrazol            | Any amt      | ND         | 0.00577/0.0300 | Pass      |
| Bifenazate          | 5            | ND         | 0.00473/0.0300 | Pass      | Permethrin              | 20           | ND         | 0.00178/0.0300 | Pass      |
| Bifenthrin          | 0.5          | ND         | 0.00583/0.0300 | Pass      | Permethrin cis          |              | ND         | 0.0200/0.0300  | N/A       |
| Boscalid            | 10           | ND         | 0.00747/0.0300 | Pass      | Permethrin trans        |              | ND         | 0.0200/0.0300  | N/A       |
| Carbaryl            | 0.5          | ND         | 0.00404/0.0300 | Pass      | Phosmet                 | 0.2          | ND         | 0.00527/0.0300 | Pass      |
| Carbofuran          | Any amt      | ND         | 0.00239/0.0300 | Pass      | Piperonylbutoxide       | 8            | ND         | 0.00635/0.0300 | Pass      |
| Chlorantraniliprole | 40           | ND         | 0.00563/0.0300 | Pass      | Prallethrin             | 0.4          | ND         | 0.0180/0.0546  | Pass      |
| Chlorpyrifos        | Any amt      | ND         | 0.00807/0.0300 | Pass      | Propiconazole           | 20           | ND         | 0.0124/0.0375  | Pass      |
| Clofentezine        | 0.5          | ND         | 0.00464/0.0300 | Pass      | Propoxur                | Any amt      | ND         | 0.00524/0.0300 | Pass      |
| Coumaphos           | Any amt      | ND         | 0.00463/0.0300 | Pass      | Pyrethrins              | 1            | ND         | 0.00192/0.0300 | Pass      |
| Daminozide          | Any amt      | ND         | 0.0107/0.0325  | Pass      | Pyrethrins Cinerin I    |              | ND         |                | N/A       |
| Diazinon            | 0.2          | ND         | 0.00926/0.0300 | Pass      | Pyrethrins Cinerin II   |              | ND         |                | N/A       |
| Dichlorvos          | Any amt      | ND         | 0.00728/0.0300 | Pass      | Pyrethrins Jasmolin I   |              | ND         |                | N/A       |
| Dimethoate          | Any amt      | ND         | 0.00650/0.0300 | Pass      | Pyrethrins Jasmolin II  |              | ND         |                | N/A       |
| Dimethomorph        | 20           | ND         | 0.00871/0.0300 | Pass      | Pyrethrins Pyrethrin I  |              | ND         | 0.0100/0.0450  | N/A       |
| Ethoprophos         | Any amt      | ND         | 0.00391/0.0300 | Pass      | Pyrethrins Pyrethrin II |              | ND         | 0.0100/0.0300  | N/A       |
| Etofenprox          | Any amt      | ND         | 0.00550/0.0300 | Pass      | Pyridaben               | 3            | ND         | 0.00547/0.0300 | Pass      |
| Etoxazole           | 1.5          | ND         | 0.00349/0.0300 | Pass      | Spinetoram              | 3            | ND         | 0.00295/0.0300 | Pass      |
| Fenhexamid          | 10           | ND         | 0.00833/0.0300 | Pass      | Spinetoram J            |              | ND         | 0.00500/0.0100 | N/A       |
| Fenoxycarb          | Any amt      | ND         | 0.00572/0.0300 | Pass      | Spinetoram L            |              | ND         | 0.00500/0.0100 | N/A       |
| Fenpyroximate       | 2            | ND         | 0.00549/0.0300 | Pass      | Spinosad                | 3            | ND         | 0.00275/0.0300 | Pass      |
| Fipronil            | Any amt      | ND         | 0.00771/0.0300 | Pass      | Spinosad A              |              | ND         | 0.00500/0.0100 | N/A       |
| Flonicamid          | 2            | ND         | 0.0151/0.0458  | Pass      | Spinosad D              |              | ND         | 0.00500/0.0100 | N/A       |
| Fludioxonil         | 30           | ND         | 0.0158/0.0478  | Pass      | Spiromesifen            | 12           | ND         | 0.00540/0.0300 | Pass      |
| Hexythiazox         | 2            | ND         | 0.0102/0.0308  | Pass      | Spirotetramat           | 13           | ND         | 0.00648/0.0300 | Pass      |
| Imazalil            | Any amt      | ND         | 0.00863/0.0300 | Pass      | Spiroxamine             | Any amt      | ND         | 0.00264/0.0300 | Pass      |
| Imidacloprid        | 3            | ND         | 0.00861/0.0300 | Pass      | Tebuconazole            | 2            | ND         | 0.00895/0.0300 | Pass      |
| Kresoxim-methyl     | 1            | ND         | 0.00703/0.0300 | Pass      | Thiacloprid             | Any amt      | ND         | 0.00177/0.0300 | Pass      |
| Malathion           | 5            | ND         | 0.00485/0.0300 | Pass      | Thiamethoxam            | 4.5          | ND         | 0.00553/0.0300 | Pass      |
| Metalaxyll          | 15           | ND         | 0.00340/0.0300 | Pass      | Trifloxystrobin         | 30           | ND         | 0.00234/0.0300 | Pass      |

