

Order #: ONE201203-010007      Order Date: 2020-12-03      Collection Date: 2020-12-04      Report Date: 2020-12-10

Batch #: H0023  
Sample #: AAAU442  
Specimen Type: CBD/HEMP Edibles (Ingestion)  
Extracted From: hemp  
Description: TheraOne CBD Sleep Tincture

Initial Gross Weight: 154.000 g  
Specimen Weight: 191 mg  
Number of Units: 2  
Method: SOP-3



|                               |                          |                            |
|-------------------------------|--------------------------|----------------------------|
| Potency Tested                | Heavy Metals Passed      | Mycotoxins Passed          |
| Pesticides Passed             | Residual Solvents Passed | Water Activity Tested      |
| Listeria Monocytogenes Passed | Pathogenic Passed        | Microbiology (qPCR) Passed |



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

|                            |                                     |                                     |
|----------------------------|-------------------------------------|-------------------------------------|
| <b>Total CBD</b><br>3.545% | <b>Total THC</b><br>0.105%          | <b>Total CBG</b><br>0.079%          |
| <b>Total CBN</b><br>0.025% | <b>Other Cannabinoids</b><br>0.223% | <b>Total Cannabinoids</b><br>3.977% |

**Potency - 20 (Tested)**

| Potency - 20 (Tested) |               |       |         | (HPLC)           |               |       |         |
|-----------------------|---------------|-------|---------|------------------|---------------|-------|---------|
| Analyte               | Result (mg/g) | (%)   | LOQ (%) | Analyte          | Result (mg/g) | (%)   | LOQ (%) |
| CBC                   | 2.030         | 0.203 | 0.001   | CBCA             | <LOQ          | 0.001 |         |
| CBDA                  | 0.444         | 0.044 | 0.001   | CBDV             | <LOQ          | 0.001 |         |
| CBG                   | 0.795         | 0.079 | 0.001   | CBGA             | <LOQ          | 0.001 |         |
| CBN                   | <LOQ          | 0.001 |         | CBNA             | 0.280         | 0.028 | 0.001   |
| Delta-10 THC          | <LOQ          | 0.001 |         | Delta-8 THC      | <LOQ          | 0.001 |         |
| Delta-9 THC           | 1.046         | 0.105 | 0.001   | Exo-THC          | <LOQ          | 0.001 |         |
| THCV                  | <LOQ          | 0.001 |         | THCVA            | <LOQ          | 0.001 |         |
| <b>Total THC</b>      | 1.046         | 0.105 | 0.001   | <b>Total CBD</b> | 35.449        | 3.545 | 0.001   |

\*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCVA, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCVA (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection, \*Measurement of Uncertainty = +/- 5%

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## Heavy Metals (Passed)

(ICP-MS)

| Analyte      | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte      | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte   | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
|--------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|-----------|--------------------|--------------|-----------|
| Arsenic (As) | 1500               | <LOQ         | 100       | Cadmium (Cd) | 500                | <LOQ         | 100       | Lead (Pb) | 500                | <LOQ         | 100       |
| Mercury (Hg) | 3000               | <LOQ         | 100       |              |                    |              |           |           |                    |              |           |

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

## Mycotoxins (Passed)

(LCMS/API/GCMS)

| Analyte      | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte      | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte      | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
|--------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|
| Aflatoxin B1 | 20                 | <LOQ         | 6         | Aflatoxin B2 | 20                 | <LOQ         | 6         | Aflatoxin G1 | 20                 | <LOQ         | 6         |
| Aflatoxin G2 | 20                 | <LOQ         | 6         | Ochratoxin A | 20                 | <LOQ         | 12        |              |                    |              |           |

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## Pesticides FL V4 (Non-Inhalable) (Passed)

(LCMS/API/GCMS)

| Analyte               | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte         | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte                 | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
|-----------------------|--------------------|--------------|-----------|-----------------|--------------------|--------------|-----------|-------------------------|--------------------|--------------|-----------|
| Abamectin             | 300                | <LOQ         | 28.23     | Acephate        | 3000               | <LOQ         | 30        | Acequinocyl             | 2000               | <LOQ         | 48        |
| Acetamiprid           | 3000               | <LOQ         | 30        | Aldicarb        | 100                | <LOQ         | 30        | Azoxystrobin            | 3000               | <LOQ         | 10        |
| Bifentazate           | 3000               | <LOQ         | 30        | Bifenthrin      | 500                | <LOQ         | 30        | Boscalid                | 3000               | <LOQ         | 10        |
| Captan                | 3000               | <LOQ         | 30        | Carbaryl        | 500                | <LOQ         | 10        | Carbofuran              | 100                | <LOQ         | 10        |
| Chlorantraniliprole   | 3000               | <LOQ         | 10        | Chlordane       | 100                | <LOQ         | 10        | Chlorfenapyr            | 100                | <LOQ         | 30        |
| Chloromequat Chloride | 3000               | <LOQ         | 10        | Chlorpyrifos    | 100                | <LOQ         | 30        | Clofentezine            | 500                | <LOQ         | 30        |
| Cypermethrin          | 1000               | <LOQ         | 30        | Coumaphos       | 100                | <LOQ         | 48        | Cyfluthrin              | 1000               | <LOQ         | 30        |
| Dichlorvos            | 100                | <LOQ         | 30        | Daminozide      | 100                | <LOQ         | 30        | Diazinon                | 200                | <LOQ         | 30        |
| Ethoprophos           | 100                | <LOQ         | 30        | Dimethoate      | 100                | <LOQ         | 30        | Dimethomorph            | 3000               | <LOQ         | 48        |
| Fenhexamid            | 3000               | <LOQ         | 10        | Etofenprox      | 100                | <LOQ         | 30        | Etoxazole               | 1500               | <LOQ         | 30        |
| Fipronil              | 100                | <LOQ         | 30        | Fenoxycarb      | 100                | <LOQ         | 30        | Fenpyroximate           | 2000               | <LOQ         | 30        |
| Hexythiazox           | 2000               | <LOQ         | 30        | Fonicamid       | 2000               | <LOQ         | 30        | Fludioxonil             | 3000               | <LOQ         | 48        |
| Kresoxim Methyl       | 1000               | <LOQ         | 30        | Imazalil        | 100                | <LOQ         | 30        | Imidacloprid            | 3000               | <LOQ         | 30        |
| Methiocarb            | 100                | <LOQ         | 30        | Malathion       | 2000               | <LOQ         | 30        | Metalaxyl               | 3000               | <LOQ         | 10        |
| Mevinphos             | 100                | <LOQ         | 10        | Methomyl        | 100                | <LOQ         | 30        | methyl-Parathion        | 100                | <LOQ         | 10        |
| Oxamyl                | 500                | <LOQ         | 30        | Myclobutanil    | 3000               | <LOQ         | 30        | Naled                   | 500                | <LOQ         | 30        |
| Permethrin            | 1000               | <LOQ         | 30        | Paclobutrazol   | 100                | <LOQ         | 30        | Pentachloronitrobenzene | 200                | <LOQ         | 10        |
| Prallethrin           | 400                | <LOQ         | 30        | Phosmet         | 200                | <LOQ         | 30        | Piperonylbutoxide       | 3000               | <LOQ         | 30        |
| Pyrethrins            | 1000               | <LOQ         | 30        | Propiconazole   | 1000               | <LOQ         | 30        | Propoxur                | 100                | <LOQ         | 30        |
| Spinosad              | 3000               | <LOQ         | 30        | Pyridaben       | 3000               | <LOQ         | 30        | Spinetoram              | 3000               | <LOQ         | 10        |
| Spiroxamine           | 100                | <LOQ         | 30        | Spiromesifen    | 3000               | <LOQ         | 30        | Spirotetramat           | 3000               | <LOQ         | 30        |
| Thiamethoxam          | 1000               | <LOQ         | 30        | Tebuconazole    | 1000               | <LOQ         | 30        | Thiacloprid             | 100                | <LOQ         | 30        |
|                       |                    |              |           | Trifloxystrobin | 3000               | <LOQ         | 30        |                         |                    |              |           |

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

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### Residual Solvents (CBD) (Passed)

(GC/GCMS)

| Analyte            | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte            | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte            | Action Level (ppm) | Result (ppm) | LOQ (ppm) |
|--------------------|--------------------|--------------|-----------|--------------------|--------------------|--------------|-----------|--------------------|--------------------|--------------|-----------|
| 1,1-Dichloroethene | 8                  | <LOQ         | 0.16      | 1,2-dichloroethane | 5                  | <LOQ         | 0.04      | Acetone            | 5000               | <LOQ         | 2.08      |
| Benzene            | 2                  | <LOQ         | 0.02      | Butanes            | 2000               | <LOQ         | 2.5       | Acetonitrile       | 410                | <LOQ         | 1.17      |
| Ethanol            | 5000               | <LOQ         | 2.78      | Ethyl Acetate      | 5000               | <LOQ         | 1.11      | Chloroform         | 60                 | <LOQ         | 0.04      |
| Ethylene Oxide     | 5                  | <LOQ         | 0.1       | Heptane            | 5000               | <LOQ         | 1.39      | Ethyl Ether        | 5000               | <LOQ         | 1.39      |
| Isopropyl alcohol  | 500                | <LOQ         | 1.39      | Methanol           | 3000               | <LOQ         | 0.69      | Hexane             | 290                | <LOQ         | 1.17      |
| Pentane            | 5000               | <LOQ         | 2.08      | Propane            | 2100               | <LOQ         | 5.83      | Methylene chloride | 600                | <LOQ         | 2.43      |
| Total Xylenes      | 2170               | <LOQ         | 2.92      | Trichloroethylene  | 80                 | <LOQ         | 0.49      | Toluene            | 890                | <LOQ         | 2.92      |

(ppm) = Parts per Million, (ppm) = (µg/g),, LOQ = Limit of Quantitation

### Water Activity (Tested)

(Water Activity Analyzer)

| Analyte        | Result (aw) |
|----------------|-------------|
| Water Activity | 0.290       |

(aw) = aw

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**Listeria Monocytogenes (Passed) (qPCR)**

| Analyte                | Result        |
|------------------------|---------------|
| Listeria Monocytogenes | Absence in 1g |

**Pathogenic SE (qPCR) (Passed) (qPCR)**

| Analyte | Result (cfu/g) | Analyte    | Result (cfu/g) |
|---------|----------------|------------|----------------|
| E.Coli  | Absence        | Salmonella | Absence        |

(cfu/g) = Colony Forming Unit per Gram

**Microbiology (qPCR) (Passed) (qPCR)**

| Analyte             | Result | Analyte        | Result | Analyte                  | Result |
|---------------------|--------|----------------|--------|--------------------------|--------|
| Total Aerobic Count | Passed | Total Coliform | Passed | Total Enterobacteriaceae | Passed |
| Total Yeast/Mold    | Passed |                |        |                          |        |

(cfu/g) = Colony Forming Unit per Gram

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