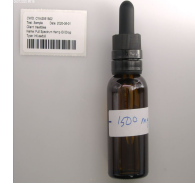


**Sample Name: Full Spectrum Hemp Oil Dropper Bottle - 1,500 mg Total**  
 Client: treatibles  
 Sample Type: Infusedoil  
 Strain: Unknown  
 Product Weight: 28.60 g

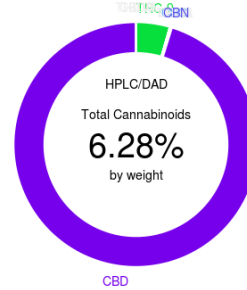
Submitted: June 01, 2020  
 Tested: June 01, 2020  
 Expires: June 01, 2021  
 Submitted for: HPLC, Chemres, Micro, Terpenes, Residual Solvent, Foreign Material,



**Profiling by Liquid Chromatography - Pass**

[SOP-2050] | Date Performed: 2020-06-02

| Cannabinoid      | Percent         | mg/g            | Total mg        | mg/svg    | mg/mL           | LO Q (mg/g) | LOD (mg/g) | L.C. <sup>1</sup> | Status      |
|------------------|-----------------|-----------------|-----------------|-----------|-----------------|-------------|------------|-------------------|-------------|
| d9-THC           | 0.28            | 2.80            | 80.15           | 0.00      | 2.63            | 0.040       | 0.013      | -                 | Pass        |
| d8-THC           | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| THCA             | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| THCV             | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| THCVA            | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| CBC              | 0.01            | 0.11            | 3.10            | 0.00      | 0.1             | 0.040       | 0.013      | -                 | Pass        |
| CBG              | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| CBGA             | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| CBN              | 0.01            | 0.14            | 4.04            | 0.00      | 0.13            | 0.040       | 0.013      | -                 | Pass        |
| CBD              | 5.98            | 59.80           | 1,710.31        | 0.00      | 56.16           | 0.040       | 0.013      | -                 | Pass        |
| CBDV             | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| CBDA             | ND <sup>1</sup> | ND <sup>1</sup> | 0.00            | 0.00      | ND <sup>1</sup> | 0.040       | 0.013      | -                 | Pass        |
| <b>Total</b>     | <b>6.28</b>     | <b>62.850</b>   | <b>1,797.60</b> | <b>NA</b> | <b>59.02</b>    | <b>NA</b>   | <b>NA</b>  | <b>-</b>          | <b>Pass</b> |
| <b>Total THC</b> | <b>0.28</b>     | <b>2.80</b>     | <b>80.15</b>    | <b>-</b>  | <b>2.63</b>     | <b>-</b>    | <b>-</b>   | <b>-</b>          | <b>Pass</b> |
| <b>Total CBD</b> | <b>5.98</b>     | <b>59.80</b>    | <b>1,710.31</b> | <b>-</b>  | <b>56.16</b>    | <b>-</b>    | <b>-</b>   | <b>-</b>          | <b>Pass</b> |



HPLC/DAD results are not moisture normalized.

-100% Decarboxylated THC

<sup>1</sup>L.C. = Label Claim in mg/g

Total THC = ((THCA\*0.877)+ d9-THC)

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

**Microbiological Screening - Pass**

Screening for microbiological contamination. [SOP-6010 (Asp), SOP-6060 (Sal), SOP-6070 (STEC) CONTINGENT upon request: SOP-6040 (petrifilm)] | Date Performed: 2020-06-01

| Analysis            | Limit of Detection | Action Limits | Status |
|---------------------|--------------------|---------------|--------|
| Shiga-Toxin E. Coli | < 1 cfu/g          | 100 cfu/g     | Pass   |
| Salmonella          | < 1 cfu/g          | 0 cfu/g       | Pass   |
| Pseudomonas         | < 1 cfu/g          | 0 cfu/g       | N/A    |
| APC                 | < 1 cfu/g          | 100000 cfu/g  | Pass   |
| E. Coli             | < 1 cfu/g          | 100 cfu/g     | Pass   |
| Coliform            | < 1 cfu/g          | 100 cfu/g     | Pass   |
| Yeast & Mold        | < 1 cfu/g          | 10000 cfu/g   | Pass   |

\*TNTC = Too Numerous To Count

<sup>1</sup>ND = Not Detected

**Residual Solvent Analysis - Pass**

Analysis of residual solvents. [SOP-2060] | Date Performed: 2020-06-03

| Solvent            | ug/g            | Action Limit (ug/g) | LOQ (ug/g) | LOD (ug/g) | Status |
|--------------------|-----------------|---------------------|------------|------------|--------|
| Benzene            | ND <sup>1</sup> | 2.0                 | 1.00       | 0.33       | Pass   |
| Chloroform         | ND <sup>1</sup> | 400.0               | 1.00       | 0.33       | Pass   |
| 1-2-Dichloroethane | ND <sup>1</sup> | 1.0                 | 1.00       | 0.33       | Pass   |
| Ethylene Oxide     | ND <sup>1</sup> | 1.0                 | 1.00       | 0.33       | Pass   |
| Methylene Chloride | ND <sup>1</sup> | 1.0                 | 1.00       | 0.33       | Pass   |
| Trichloroethylene  | ND <sup>1</sup> | 1.0                 | 1.00       | 0.33       | Pass   |
| Acetone            | ND <sup>1</sup> | 5000                | 150.00     | 10.00      | Pass   |
| Acetonitrile       | ND <sup>1</sup> | 410                 | 6.00       | 2.30       | Pass   |
| Ethanol            | <LOQ            | 5000                | 250.00     | 2.00       | Pass   |
| Ethyl Acetate      | ND <sup>1</sup> | 5000                | 250.00     | 2.00       | Pass   |
| Diethyl ether      | ND <sup>1</sup> | 5000                | 250.00     | 2.00       | Pass   |
| Heptane            | <LOQ            | 5000                | 250.00     | 2.00       | Pass   |
| Hexane             | ND <sup>1</sup> | 290                 | 6.00       | 2.00       | Pass   |
| Isopropanol        | ND <sup>1</sup> | 5000                | 50.00      | 10.00      | Pass   |
| Methanol           | ND <sup>1</sup> | 3000                | 50.00      | 10.00      | Pass   |
| N-Butane           | ND <sup>1</sup> | 5000                | 50.00      | 6.50       | Pass   |
| Pentane            | ND <sup>1</sup> | 5000                | 50.00      | 1.00       | Pass   |
| Propane            | ND <sup>1</sup> | 5000                | 200.00     | 10.00      | Pass   |
| Toluene            | ND <sup>1</sup> | 890                 | 3.00       | 1.00       | Pass   |
| Total Xylenes      | ND <sup>1</sup> | 2170                | 3.00       | 1.00       | Pass   |

<sup>1</sup>ND = Not Detected

\*\*Client Limit is self-selected and will be replaced by official CA State limits when they become available

*CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Sample data reflect results at the time of testing. Results may vary with storage conditions over time. Per BCC regulations, cannabis goods that have not been transported to retail within 12 months of the date on this certificate of analysis must be destroyed or retested by the licensed distributor in possession of the cannabis goods. Comments? lab@cwanalytical.com*

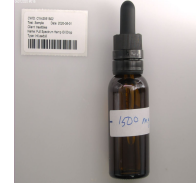


This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

*Robert W Martin, PhD*  
 Robert W Martin, PhD

**Sample Name: Full Spectrum Hemp Oil Dropper Bottle - 1,500 mg Total**  
 Client: treatibles  
 Sample Type: Infusedoil  
 Strain: Unknown  
 Product Weight: 28.60 g

Submitted: June 01, 2020  
 Tested: June 01, 2020  
 Expires: June 01, 2021  
 Submitted for: HPLC, Chemres, Micro, Terpenes, Residual Solvent, Foreign Material,



**Chemical Residue Screening - Pass**

Targeted analysis of chemical residues. [SOP-2011 (GC), SOP-2012 (LC)] | Date Performed: 2020-06-02

|                     | ug/g            | LOQ (ug/g) | LOD (ug/g) | Action Limit (ug/g) | Status |                    | ug/g            | LOQ (ug/g) | LOD (ug/g) | Action Limit (ug/g) | Status |
|---------------------|-----------------|------------|------------|---------------------|--------|--------------------|-----------------|------------|------------|---------------------|--------|
| Abamectin           | ND <sup>1</sup> | 0.04       | 0.02       | 0.5                 | Pass   | Fludioxonil        | ND <sup>1</sup> | 0.08       | 0.04       | 30.00               | Pass   |
| Acephate            | ND <sup>1</sup> | 0.08       | 0.04       | 0.4                 | Pass   | Hexythiazox        | ND <sup>1</sup> | 0.04       | 0.02       | 1                   | Pass   |
| Acequinocyl         | ND <sup>1</sup> | 0.04       | 0.02       | 2                   | Pass   | Imazalil           | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Acetamiprid         | ND <sup>1</sup> | 0.02       | 0.01       | 0.2                 | Pass   | Imidacloprid       | ND <sup>1</sup> | 0.10       | 0.04       | 0.4                 | Pass   |
| Aldicarb            | ND <sup>1</sup> | 0.04       | 0.02       | 0.00                | Pass   | Kresoxim-methyl    | ND <sup>1</sup> | 0.10       | 0.04       | 0.4                 | Pass   |
| Azoxystrobin        | ND <sup>1</sup> | 0.02       | 0.01       | 0.2                 | Pass   | Malathion          | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Bifenazate          | ND <sup>1</sup> | 0.02       | 0.01       | 0.2                 | Pass   | Metalaxyl          | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Bifenthrin          | ND <sup>1</sup> | 0.08       | 0.04       | 0.2                 | Pass   | Methiocarb         | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Boscalid            | ND <sup>1</sup> | 0.04       | 0.02       | 0.4                 | Pass   | Methomyl           | ND <sup>1</sup> | 0.08       | 0.04       | 0.10                | Pass   |
| Captan              | ND <sup>1</sup> | 0.04       | 0.02       | 5.00                | Pass   | Mevinphos          | ND <sup>1</sup> | 0.08       | 0.04       | 0.00                | Pass   |
| Carbaryl            | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   | Myclobutanil       | ND <sup>1</sup> | 0.10       | 0.04       | 0.2                 | Pass   |
| Carbofuran          | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   | Naled              | ND <sup>1</sup> | 0.02       | 0.01       | 0.50                | Pass   |
| Chlorantraniliprole | ND <sup>1</sup> | 0.08       | 0.04       | 0.2                 | Pass   | Oxamyl             | ND <sup>1</sup> | 0.04       | 0.02       | 0.20                | Pass   |
| Chlordane           | ND <sup>1</sup> | 0.10       | 0.04       | 0.00                | Pass   | Paclobutrazol      | ND <sup>1</sup> | 0.04       | 0.02       | 0.4                 | Pass   |
| Chlorfenapyr        | ND <sup>1</sup> | 0.10       | 0.04       | 0.00                | Pass   | Parathion methyl   | ND <sup>1</sup> | 0.04       | 0.02       | 0.00                | Pass   |
| Chlorpyrifos        | ND <sup>1</sup> | 0.08       | 0.04       | 0.2                 | Pass   | PCNB               | ND <sup>1</sup> | 0.02       | 0.01       | 0.20                | Pass   |
| Clofentezine        | ND <sup>1</sup> | 0.02       | 0.01       | 0.2                 | Pass   | Permethrin         | ND <sup>1</sup> | 0.10       | 0.04       | 0.2                 | Pass   |
| Coumaphos           | ND <sup>1</sup> | 0.04       | 0.02       | 0.00                | Pass   | Phosmet            | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Cyfluthrin          | ND <sup>1</sup> | 0.10       | 0.04       | 1.00                | Pass   | Piperonyl butoxide | ND <sup>1</sup> | 0.10       | 0.04       | 2                   | Pass   |
| Cypermethrin        | ND <sup>1</sup> | 0.10       | 0.04       | 1.00                | Pass   | Prallethrin        | ND <sup>1</sup> | 0.10       | 0.04       | 0.2                 | Pass   |
| Daminozide          | ND <sup>1</sup> | 0.08       | 0.04       | 1                   | Pass   | Propiconazole      | ND <sup>1</sup> | 0.08       | 0.04       | 0.4                 | Pass   |
| Diazinon            | ND <sup>1</sup> | 0.02       | 0.01       | 0.2                 | Pass   | Propoxur           | ND <sup>1</sup> | 0.02       | 0.01       | 0.2                 | Pass   |
| Dichlorvos          | ND <sup>1</sup> | 0.01       | 0.01       | 1                   | Pass   | Pyrethrin          | ND <sup>1</sup> | 0.04       | 0.01       | 1                   | Pass   |
| Dimethoate          | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   | Pyridaben          | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Dimethomorph        | ND <sup>1</sup> | 0.04       | 0.02       | 20.00               | Pass   | Spinetoram         | ND <sup>1</sup> | 0.08       | 0.04       | 3.00                | Pass   |
| Ethoprophos         | ND <sup>1</sup> | 0.02       | 0.01       | 0.2                 | Pass   | Spinosad           | ND <sup>1</sup> | 0.04       | 0.02       | 3.00                | Pass   |
| Etofenprox          | ND <sup>1</sup> | 0.04       | 0.02       | 0.4                 | Pass   | Spiromesifen       | ND <sup>1</sup> | 0.08       | 0.04       | 0.2                 | Pass   |
| Etoxazole           | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   | Spirotetramat      | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Fenhexamid          | ND <sup>1</sup> | 0.08       | 0.04       | 10.00               | Pass   | Spiroxamine        | ND <sup>1</sup> | 0.04       | 0.02       | 0.4                 | Pass   |
| Fenoxycarb          | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   | Tebuconazole       | ND <sup>1</sup> | 0.08       | 0.04       | 0.4                 | Pass   |
| Fenpyroximate       | ND <sup>1</sup> | 0.08       | 0.04       | 0.4                 | Pass   | Thiacloprid        | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Fipronil            | ND <sup>1</sup> | 0.08       | 0.04       | 0.00                | Pass   | Thiamethoxam       | ND <sup>1</sup> | 0.04       | 0.02       | 0.2                 | Pass   |
| Fonicamid           | ND <sup>1</sup> | 0.04       | 0.02       | 0.20                | Pass   | Trifloxystrobin    | ND <sup>1</sup> | 0.01       | 0.01       | 0.2                 | Pass   |

<sup>1</sup>ND = Not Detected  
 NT = Not Tested

**Heavy Metals Profiling - Pass**

Analysis of Heavy Metals. [SOP-2020] | Date Performed: 2020-06-03

|         | ug/g            | LOQ(ug/g) | LOD(ug/g) | Action Limit (ug/g) | Status |
|---------|-----------------|-----------|-----------|---------------------|--------|
| Cadmium | ND <sup>1</sup> | 0.04      | 0.01      | 0.5                 | Pass   |
| Lead    | ND <sup>1</sup> | 0.04      | 0.01      | 0.5                 | Pass   |
| Arsenic | ND <sup>1</sup> | 0.07      | 0.02      | 1.5                 | Pass   |
| Mercury | ND <sup>1</sup> | 0.05      | 0.02      | 3.0                 | Pass   |

<sup>1</sup>ND = Not Detected

**Water Activity -**

Analysis to determine water activity [SOP-4070] | Date Performed:

| Aw | Action Limit (Aw) | Status |
|----|-------------------|--------|
|    |                   |        |

**Foreign Material Analysis - Pass**

Analysis to determine whether foreign material is present [SOP-2020] | Date Performed: 2020-06-01

| Analysis  | Status |
|---|--------|
| Product within acceptable limits for all foreign material criteria. | Pass   |

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This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

*Robert W Martin, PhD*  
 Robert W Martin, PhD

## Sample Name: Full Spectrum Hemp Oil Dropper Bottle -

1,500 mg Total

Client: treatibles

Sample Type: Infusedoil

Strain: Unknown

Product Weight: 28.60 g

Submitted: June 01, 2020

Tested: June 01, 2020

Expires: June 01, 2021

Submitted for: HPLC, Chemres, Micro, Terpenes, Residual Solvent, Foreign Material,

**Mycotoxin Screening - Pass**

Analysis of Mycotoxins. | Date Performed: 2020-06-02

|              | mg/ml           | LOQ (mg/g) | LOD (mg/g) | Status |
|--------------|-----------------|------------|------------|--------|
| Aflatoxin B1 | ND <sup>1</sup> | 4.2        | 1.4        | Pass   |
| aflatoxin B2 | ND <sup>1</sup> | 4.2        | 1.4        | Pass   |
| Aflatoxin G1 | ND <sup>1</sup> | 4.2        | 1.4        | Pass   |
| Aflatoxin G2 | ND <sup>1</sup> | 4.2        | 1.4        | Pass   |
| Ochratoxin A | ND <sup>1</sup> | 5.7        | 1.9        | Pass   |

<sup>1</sup>ND = Not Detected**Terpene Profiling - Pass**

Analysis of terpenes. [SOP-2070] | Date Performed: 2020-06-03

|                 | Percent         | mg/g | LOQ (mg/g) | LOD (mg/g) | L.C. <sup>2</sup> | Status |
|-----------------|-----------------|------|------------|------------|-------------------|--------|
| a-Pinene        | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| Camphene        | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| b-Myrcene       | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| b-Pinene        | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| d3-Carene       | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| a-Terpinene     | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| a-Ocimene       | 0.03            | 0.24 | 0.1        | 0.03       | -                 | Pass   |
| d-Limonene      | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| p-Cymene        | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| b-Ocimene       | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| g-Terpinene     | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| Terpinolene     | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| Linalool        | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| Isopulegol      | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| Geraniol        | 0.01            | 0.08 | 0.1        | 0.03       | -                 | Pass   |
| b-Caryophyllene | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| a-Caryophyllene | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| cis-Nerolidol   | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| trans-Nerolidol | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| guaiol          | ND <sup>1</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |
| a-Bisabolol     | NT <sup>3</sup> | 0.00 | 0.1        | 0.03       | -                 | Pass   |

**Total Terpenes****0.0 Percent**<sup>1</sup>ND = Not Detected<sup>2</sup>L.C. = Label Claim

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*Robert W Martin*  
Robert W Martin, PhD