

**Sample Name: CHCTL-07192019**

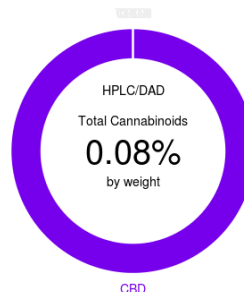
Client: treatibles  
 Sample Type: Edible  
 Strain: Unknown  
 Product Weight: 17.37 g  
 Servings: 3

Submitted: October 17, 2019  
 Tested: October 17, 2019  
 Expires: October 17, 2020  
 Submitted for: HPLC,

**Profiling by Liquid Chromatography - Pass**

(SOP-014) | Date Performed: 2019-10-20

| Cannabinoid      | Percent               | mg/g                  | Total mg              | mg/svg      | LOQ (mg/g) | LOD (mg/g) | L.C. <sup>1</sup> | Status      |
|------------------|-----------------------|-----------------------|-----------------------|-------------|------------|------------|-------------------|-------------|
| d9-THC           | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| d8-THC           | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| THCA             | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| THCV             | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| THCVA            | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| CBG              | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| CBGA             | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| CBN              | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| CBD              | 0.08                  | 0.85                  | 14.69                 | 4.90        | 0.05       | 0.02       | -                 | Pass        |
| CBDV             | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| CBDA             | ND <sup>1</sup>       | ND <sup>1</sup>       | 0.00                  | 0.00        | 0.05       | 0.02       | -                 | Pass        |
| <b>Total</b>     | <b>0.08</b>           | <b>0.850</b>          | <b>14.69</b>          | <b>NA</b>   | <b>NA</b>  | <b>NA</b>  | -                 | <b>Pass</b> |
| <b>Total THC</b> | <b>ND<sup>1</sup></b> | <b>ND<sup>1</sup></b> | <b>ND<sup>1</sup></b> | -           | -          | -          | -                 | <b>Pass</b> |
| <b>Total CBD</b> | <b>0.08</b>           | <b>0.85</b>           | <b>14.69</b>          | <b>4.90</b> | -          | -          | -                 | <b>Pass</b> |



HPLC/DAD results are not moisture normalized.

-0% 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 -**

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed:

|                     | Analysis | Limit of Detection | Action Limits | Status |
|---------------------|----------|--------------------|---------------|--------|
| Shiga-Toxin E. Coli | NA       | < 1 cfu/g          | cfu/g         |        |
| Salmonella          | NA       | < 1 cfu/g          | cfu/g         |        |
| Aspergillus         | NA       | < 1 cfu/g          | cfu/g         |        |
| Pseudomonas         | NA       | < 1 cfu/g          | cfu/g         |        |
| APC                 | NA       | < 1 cfu/g          | cfu/g         |        |
| E. Coli             | NA       | < 1 cfu/g          | cfu/g         |        |
| Coliform            | NA       | < 1 cfu/g          | cfu/g         |        |
| Yeast & Mold        | NA       | < 1 cfu/g          | cfu/g         |        |

\*TNTC = Too Numerous To Count

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

**Residual Solvent Analysis -**

Analysis of residual solvents. [SOP-011] | Date Performed:

| Solvent            | ug/g | Action Limit (ug/g) | LOQ (ug/g) | LOD (ug/g) | Status |
|--------------------|------|---------------------|------------|------------|--------|
| Benzene            | NT   |                     |            |            |        |
| Chloroform         | NT   |                     |            |            |        |
| 1,2-Dichloroethane | NT   |                     |            |            |        |
| Ethylene Oxide     | NT   |                     |            |            |        |
| Methylene Chloride | NT   |                     |            |            |        |
| Trichloroethylene  | NT   |                     |            |            |        |
| Acetone            | NT   |                     |            |            |        |
| Acetonitrile       | NT   |                     |            |            |        |
| Ethanol            | NT   |                     |            |            |        |
| Ethyl Acetate      | NT   |                     |            |            |        |
| Diethyl ether      | NT   |                     |            |            |        |
| Heptane            | NT   |                     |            |            |        |
| Hexane             | NT   |                     |            |            |        |
| Isopropanol        | NT   |                     |            |            |        |
| Methanol           | NT   |                     |            |            |        |
| N-Butane           | NT   |                     |            |            |        |
| Pentane            | NT   |                     |            |            |        |
| Propane            | NT   |                     |            |            |        |
| Toluene            | NT   |                     |            |            |        |
| Total Xylenes      | NT   |                     |            |            |        |

\*ND = Not Detected

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

**Foreign Material Analysis -**

Analysis to determine whether foreign material is present | Date Performed:

| Analysis | Status |
|----------|--------|
|          |        |

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*Robert W. Martin, PhD*  
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**Chemical Residue Screening -**

Targeted analysis of chemical residues. [SOP-017] | Date Performed:

|                     | 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           | NT   |            |            |                     |        | Fludioxonil        |            |            |                     | NT     |
| Acephate            | NT   |            |            |                     |        | Hexythiazox        |            |            |                     | NT     |
| Acequinocyl         | NT   |            |            |                     |        | Imazalil           |            |            |                     | NT     |
| Acetamiprid         | NT   |            |            |                     |        | Imidacloprid       |            |            |                     | NT     |
| Aldicarb            | NT   |            |            |                     |        | Kresoxim-methyl    |            |            |                     | NT     |
| Azoxystrobin        | NT   |            |            |                     |        | Malathion          |            |            |                     | NT     |
| Bifenazate          | NT   |            |            |                     |        | Metalaxyl          |            |            |                     | NT     |
| Bifenthrin          | NT   |            |            |                     |        | Methiocarb         |            |            |                     | NT     |
| Boscalid            | NT   |            |            |                     |        | Methomyl           |            |            |                     | NT     |
| Captan              | NT   |            |            |                     |        | Mevinphos          |            |            |                     | NT     |
| Carbaryl            | NT   |            |            |                     |        | Myclobutanil       |            |            |                     | NT     |
| Carbofuran          | NT   |            |            |                     |        | Naled              |            |            |                     | NT     |
| Chlorantraniliprole | NT   |            |            |                     |        | Oxamyl             |            |            |                     | NT     |
| Chlordane           | NT   |            |            |                     |        | Paclobutrazol      |            |            |                     | NT     |
| Chlorfenapyr        | NT   |            |            |                     |        | Parathion methyl   |            |            |                     | NT     |
| Chlorpyrifos        | NT   |            |            |                     |        | PCNB               |            |            |                     | NT     |
| Clofentezine        | NT   |            |            |                     |        | Permethrin         |            |            |                     | NT     |
| Coumaphos           | NT   |            |            |                     |        | Phosmet            |            |            |                     | NT     |
| Cyfluthrin          | NT   |            |            |                     |        | Piperonyl butoxide |            |            |                     | NT     |
| Cypermethrin        | NT   |            |            |                     |        | Prallethrin        |            |            |                     | NT     |
| Daminozide          | NT   |            |            |                     |        | Propiconazole      |            |            |                     | NT     |
| Diazinon            | NT   |            |            |                     |        | Propoxur           |            |            |                     | NT     |
| Dichlorvos          | NT   |            |            |                     |        | Pyrethrin          |            |            |                     | NT     |
| Dimethoate          | NT   |            |            |                     |        | Pyridaben          |            |            |                     | NT     |
| Dimethomorph        | NT   |            |            |                     |        | Spinetoram         |            |            |                     | NT     |
| Ethoprophos         | NT   |            |            |                     |        | Spinosad           |            |            |                     | NT     |
| Etofenprox          | NT   |            |            |                     |        | Spiromesifen       |            |            |                     | NT     |
| Etoxazole           | NT   |            |            |                     |        | Spirotetramat      |            |            |                     | NT     |
| Fenhexamid          | NT   |            |            |                     |        | Spiroxamine        |            |            |                     | NT     |
| Fenoxycarb          | NT   |            |            |                     |        | Tebuconazole       |            |            |                     | NT     |
| Fenpyroximate       | NT   |            |            |                     |        | Thiacloprid        |            |            |                     | NT     |
| Fipronil            | NT   |            |            |                     |        | Thiamethoxam       |            |            |                     | NT     |
| Fonicamid           | NT   |            |            |                     |        | Trifloxystrobin    |            |            |                     | NT     |

\*ND = Not Detected  
 NT = Not Tested

**Heavy Metals Profiling -**

Analysis of Heavy Metals. [SOP-012] | Date Performed:

|         | ug/g | LOQ(ug/g) | LOD(ug/g) | Action Limit (ug/g) | Status |
|---------|------|-----------|-----------|---------------------|--------|
| Cadmium |      |           |           |                     |        |
| Lead    |      |           |           |                     |        |
| Arsenic |      |           |           |                     |        |
| Mercury |      |           |           |                     |        |

\*ND = Not Detected

**Water Activity -**

Analysis to determine water activity | Date Performed:

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

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**Mycotoxin Screening -**

Analysis of Mycotoxins. | Date Performed:

|              |    | LOQ (mg/g) | LOD (mg/g) | Status |
|--------------|----|------------|------------|--------|
| Aflatoxin B1 | NT |            |            |        |
| aflatoxin B2 | NT |            |            |        |
| Aflatoxin G1 | NT |            |            |        |
| Aflatoxin G2 | NT |            |            |        |
| Ochratoxin A | NT |            |            |        |

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

**Terpene Profiling -**

Analysis of terpenes. [SOP-012] | Date Performed:

|                 | PPM | mg/g | LOQ (mg/g) | LOD (mg/g) | L.C. <sup>2</sup> | Status |
|-----------------|-----|------|------------|------------|-------------------|--------|
| b-Myrcene       | NT  |      |            |            |                   |        |
| a-Bisabolol     | NT  |      |            |            |                   |        |
| d3-Carene       | NT  |      |            |            |                   |        |
| d-Limonene      | NT  |      |            |            |                   |        |
| g-Terpinene     | NT  |      |            |            |                   |        |
| a-Pinene        | NT  |      |            |            |                   |        |
| b-Pinene        | NT  |      |            |            |                   |        |
| Camphene        | NT  |      |            |            |                   |        |
| b-Caryophyllene | NT  |      |            |            |                   |        |
| Isopulegol      | NT  |      |            |            |                   |        |
| Linalool        | NT  |      |            |            |                   |        |
| a-Caryophyllene | NT  |      |            |            |                   |        |
| guaiol          | NT  |      |            |            |                   |        |
| Terpinolene     | NT  |      |            |            |                   |        |
| a-Terpinene     | NT  |      |            |            |                   |        |

**Total Terpenes**

0.0 PPM

<sup>1</sup>ND = Not Detected  
<sup>2</sup>L.C. = Label Claim

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