



EE-03-007

|                  |             |                 |            |
|------------------|-------------|-----------------|------------|
| <b>Batch ID:</b> | EE-03-007   | <b>Test ID:</b> | T000071774 |
| <b>Reported:</b> | 16-Apr-2020 | <b>Method:</b>  | TM19       |
| <b>Type:</b>     | Concentrate |                 |            |
| <b>Test:</b>     | Metals      |                 |            |

### HEAVY METALS

| Analyte | Dynamic Range (ppm) | Result (ppm) |
|---------|---------------------|--------------|
| Arsenic | 0.070 - 7.03        | ND           |
| Cadmium | 0.072 - 7.16        | ND           |
| Mercury | 0.053 - 5.32        | ND           |
| Lead    | 0.069 - 6.94        | ND           |

\* ND = None Detected (Defined by Dynamic Range of the method)

### FINAL APPROVAL

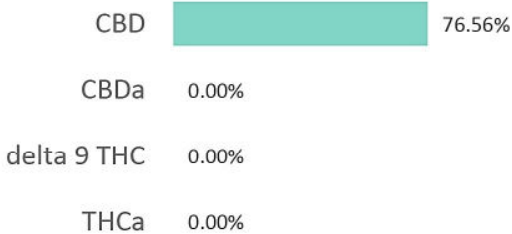
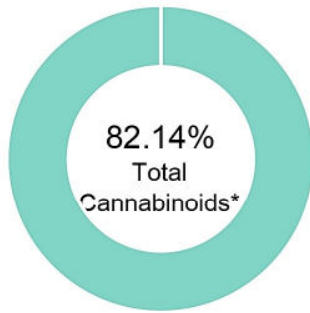
  
 Alex Smith  
 16-Apr-2020  
 6:46 AM  
 PREPARED BY / DATE

  
 Greg Zimpfer  
 16-Apr-2020  
 10:01 AM  
 APPROVED BY / DATE

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EE-03-007

|                  |             |                 |              |
|------------------|-------------|-----------------|--------------|
| <b>Batch ID:</b> | EE-03-007   | <b>Test ID:</b> | 9001997.0015 |
| <b>Reported:</b> | 17-Apr-2020 | <b>Method:</b>  | TM14         |
| <b>Type:</b>     | Concentrate |                 |              |
| <b>Test:</b>     | Potency     |                 |              |

**CANNABINOID PROFILE**


| Compound                                     | LOQ (%) | Result (%)   | Result (mg/g) |
|--|---------|--------------|---------------|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 0.14    | ND           | ND            |
| Delta 9-Tetrahydrocannabinol (Delta 9THC)    | 0.07    | ND           | ND            |
| Cannabidiolic acid (CBDA)                    | 0.36    | ND           | ND            |
| Cannabidiol (CBD)                            | 0.20    | 76.56        | 765.6         |
| Delta 8-Tetrahydrocannabinol (Delta 8THC)    | 0.08    | ND           | ND            |
| Cannabinolic Acid (CBNA)                     | 0.19    | ND           | ND            |
| Cannabinol (CBN)                             | 0.09    | 1.27         | 12.7          |
| Cannabigerolic acid (CBGA)                   | 0.12    | ND           | ND            |
| Cannabigerol (CBG)                           | 0.07    | 0.89         | 8.9           |
| Tetrahydrocannabivarinic Acid (THCVA)        | 0.12    | ND           | ND            |
| Tetrahydrocannabivarin (THCV)                | 0.06    | ND           | ND            |
| Cannabidivarinic Acid (CBDVA)                | 0.34    | ND           | ND            |
| Cannabidivarin (CBDV)                        | 0.18    | 0.53         | 5.3           |
| Cannabichromenic Acid (CBCA)                 | 0.11    | ND           | ND            |
| Cannabichromene (CBC)                        | 0.13    | 2.89         | 28.9          |
| <b>Total Cannabinoids</b>                    |         | <b>82.14</b> | <b>821.40</b> |
| <b>Total Potential THC**</b>                 |         | <b>ND</b>    | <b>ND</b>     |
| <b>Total Potential CBD**</b>                 |         | <b>76.56</b> | <b>765.60</b> |

**NOTES:**

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * 0.877)$$

ND = None Detected (Defined by Dynamic Range of the method)

**FINAL APPROVAL**

 Daniel Weidensaul  
 17-Apr-2020  
 4:50 PM


 Greg Zimpfer  
 17-Apr-2020  
 4:55 PM

PREPARED BY / DATE

APPROVED BY / DATE

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EE-03-007

|                  |             |                 |             |
|------------------|-------------|-----------------|-------------|
| <b>Batch ID:</b> | EE-03-007   | <b>Test ID:</b> | 8737501.009 |
| <b>Reported:</b> | 20-Apr-2020 | <b>Method:</b>  | TM17        |
| <b>Type:</b>     | Concentrate |                 |             |
| <b>Test:</b>     | Pesticides  |                 |             |

**PESTICIDE RESIDUE**

| Compound            | Dynamic Range (ppb) | Result (ppb) | Compound        | Dynamic Range (ppb) | Result (ppb) |
|---------------------|---------------------|--------------|-----------------|---------------------|--------------|
| Acephate            | 55 - 2546           | ND*          | Malathion       | 330 - 2546          | ND*          |
| Acetamiprid         | 55 - 2546           | ND*          | Metalaxyl       | 55 - 2546           | ND*          |
| Abamectin           | >330                | ND*          | Methiocarb      | 55 - 2546           | ND*          |
| Azoxystrobin        | 55 - 2546           | ND*          | Methomyl        | 55 - 2546           | ND*          |
| Bifenazate          | 55 - 2546           | ND*          | MGK 264 1       | 330 - 2546          | ND*          |
| Boscalid            | 55 - 2546           | ND*          | MGK 264 2       | 330 - 2546          | ND*          |
| Carbaryl            | 55 - 2546           | ND*          | Myclobutanil    | 55 - 2546           | ND*          |
| Carbofuran          | 55 - 2546           | ND*          | Naled           | 55 - 2546           | ND*          |
| Chlorantraniliprole | 55 - 2546           | ND*          | Oxamyl          | 55 - 2546           | ND*          |
| Chlorpyrifos        | 55 - 2546           | ND*          | Paclobutrazol   | 55 - 2546           | ND*          |
| Clofentezine        | 330 - 2546          | ND*          | Permethrin      | 330 - 2546          | ND*          |
| Diazinon            | 330 - 2546          | ND*          | Phosmet         | 55 - 2546           | ND*          |
| Dichlorvos          | >330                | ND*          | Prophos         | 330 - 2546          | ND*          |
| Dimethoate          | 55 - 2546           | ND*          | Propoxur        | 55 - 2546           | ND*          |
| E-Fenpyroximate     | 55 - 2546           | ND*          | Pyridaben       | 55 - 2546           | ND*          |
| Etofenprox          | 55 - 2546           | ND*          | Spinosad A      | 55 - 2546           | ND*          |
| Etoxazole           | 330 - 2546          | ND*          | Spinosad D      | 330 - 2546          | ND*          |
| Fenoxycarb          | >55                 | ND*          | Spiromesifen    | >330                | ND*          |
| Fipronil            | 55 - 2546           | ND*          | Spirotetramat   | >330                | ND*          |
| Flonicamid          | 55 - 2546           | ND*          | Spiroxamine 1   | 55 - 2546           | ND*          |
| Fludioxonil         | >330                | ND*          | Spiroxamine 2   | 55 - 2546           | ND*          |
| Hexythiazox         | 55 - 2546           | ND*          | Tebuconazole    | 330 - 2546          | ND*          |
| Imazalil            | 330 - 2546          | ND*          | Thiacloprid     | 55 - 2546           | ND*          |
| Imidacloprid        | 55 - 2546           | ND*          | Thiamethoxam    | 55 - 2546           | ND*          |
| Kresoxim-methyl     | 55 - 2546           | ND*          | Trifloxystrobin | 55 - 2546           | ND*          |

\* ND = None Detected (Defined by Dynamic Range of the method)

N/A

**FINAL APPROVAL**


 Tyler Wiese  
 20-Apr-2020  
 8:34 PM

PREPARED BY / DATE



 Greg Zimpfer  
 20-Apr-2020  
 8:58 PM

APPROVED BY / DATE

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EE-03-007

|           |                   |          |            |
|-----------|-------------------|----------|------------|
| Batch ID: | EE-03-007         | Test ID: | T000071771 |
| Reported: | 20-Apr-2020       | Method:  | TM04       |
| Type:     | Concentrate       |          |            |
| Test:     | Residual Solvents |          |            |

RESIDUAL SOLVENTS

| Solvent                          | Dynamic Range (ppm) | Result (ppm) |
|----------------------------------|---------------------|--------------|
| Propane                          | 77 - 1541           | *ND          |
| Butanes<br>(Isobutane, n-Butane) | 157 - 3148          | *ND          |
| Methanol                         | 59 - 1189           | *ND          |
| Pentane                          | 89 - 1774           | *ND          |
| Ethanol                          | 87 - 1742           | *ND          |
| Acetone                          | 98 - 1953           | *ND          |
| Isopropyl Alcohol                | 103 - 2062          | *ND          |
| Hexane                           | 6 - 119             | *ND          |
| Ethyl Acetate                    | 98 - 1965           | *ND          |
| Benzene                          | 0.2 - 3.9           | *ND          |
| Heptanes                         | 93 - 1859           | *ND          |
| Toluene                          | 18 - 357            | *ND          |
| Xylenes<br>(m,p,o-Xylenes)       | 128 - 2565          | *ND          |


\* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:  
N/A

FINAL APPROVAL

  
Ryan Weems  
20-Apr-2020  
3:23 PM

PREPARED BY / DATE

  
Ben Minton  
20-Apr-2020  
4:43 PM

APPROVED BY / DATE

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EE-03-007

|                  |                        |                 |  |
|------------------|------------------------|-----------------|--|
| <b>Batch ID:</b> | EE-03-007              | <b>Test ID:</b> | T000071772                             |
| <b>Reported:</b> | 23-Apr-2020            | <b>Method:</b>  | Concentrate - Test Methods: TM05, TM06 |
| <b>Type:</b>     | Concentrate            |                 |  |
| <b>Test:</b>     | Microbial Contaminants |                 |  |

## MICROBIAL CONTAMINANTS

| Contaminant                    | Result (CFU/g)* |
|--------------------------------|-----------------|
| <b>Total Aerobic Count**</b>   | None Detected   |
| <b>Total Coliforms**</b>       | None Detected   |
| <b>Total Yeast and Molds**</b> | None Detected   |
| <b><i>E. coli</i></b>          | None Detected   |
| <b><i>Salmonella</i></b>       | None Detected   |

\* CFU/g = Colony Forming Unit per Gram

\*\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:  $10^2 = 100$  CFU  
 $10^3 = 1,000$  CFU  
 $10^4 = 10,000$  CFU  
 $10^5 = 100,000$  CFU

## NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

## FINAL APPROVAL

|  |  |   |                                      |
|--|--|---|--------------------------------------|
|  | Nick Tumminaro<br>23-Apr-2020<br>1:34 PM |  | Ben Minton<br>23-Apr-2020<br>4:48 PM |
|--|--|---|--------------------------------------|

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Certificate #4329.03



# Product Specification

## Elemental Extract E3

### 1. Description

Occurs in Cannabis sativa L, (C. sativa var. indica Auth.) Moraceae.

### 2. Specifications

- Appearance           Dark Amber Oil
- Odor                    Natural Hemp Scent
- Consistency           Viscous Oil

### 3. Potency:

- %CBD:                70-80%
- %CBG:                >0.5%
- %CBC:                >1.5%
- %CBN:                >0.5%
- %THC:                <0.1%
- THC LOQ:            0.1%
- Terpenes:            Standard

### 4. Provided Analytical Testing & Compliance Documentation:

- Approved Lab: Pixis or Botanacor
- Final Product Analyses (CofAs): Potency, Residual Solvent, Pesticide, Microbial, Heavy Metal
- Required Compliance Documentation: Colorado Food Manufacture License
- Flower Analyses: Not Required

### 5. Legal Notice

The information in this Product Data Sheet is based on current scientific knowledge and experience and should not be taken as expressing or implying any warranty concerning product characteristics. The product may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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Ph 303.550.5601 | 4472 Hilltop Rd Unit A, Longmont, CO 80504  
treehousehemp.com