

Customer Name: Theraplant, LLC  
Customer Address: 856 Echo Lake Road  
Watertown, CT 06795  
Phone Number: 860-417-6481

Results issued on: 9/4/2020 COA No.: 84090420-B

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| FTDC20-005        | 1606-1    | Quality Control Analysis   |
|                   | 1606-2    |                            |
|                   | 1606-2    | Active Ingredient Analysis |
|                   | 1606-2    | Terpene Analysis           |

### Quality Control Results

| <u>Test</u>  | <u>Test Conducted</u>         | <u>Specification</u> | <u>Results (Pass/Fail)</u> |
|--------------|-------------------------------|----------------------|----------------------------|
| Microbiology | Total Aerobic Microbial Count | < 200 CFU/g          | Passed                     |
|              | Total Yeast and Mold Count    | < 20 CFU/g           | Passed                     |
|              | <i>Staphylococcus aureus</i>  | Not Present          | Passed                     |
|              | <i>Pseudomonas aeruginosa</i> | Not Present          | Passed                     |
| Mycotoxins   | Aflatoxin B1                  | < 20 ug/Kg           | Passed                     |
|              | Aflatoxin B2                  | < 20 ug/Kg           | Passed                     |
|              | Aflatoxin G1                  | < 20 ug/Kg           | Passed                     |
|              | Aflatoxin G2                  | < 20 ug/Kg           | Passed                     |
|              | Ochratoxin A                  | < 20 ug/Kg           | Passed                     |
| Heavy Metals | Arsenic - As                  | < 4.206 ug/g         | Passed                     |
|              | Cadmium - Cd                  | < 2.704 ug/g         | Passed                     |
|              | Mercury - Hg                  | < 8.712 ug/g         | Passed                     |
|              | Lead - Pb                     | < 8.712 ug/g         | Passed                     |
| Pesticides   | See attachment A              |                      | Residues Detected          |
|              |                               |                      | ND                         |

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Client Lot Number: FTDC20-005

### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 1 mL of product | mg per 50 mL of product |
|------------------------------------------------------------|-------------------------|------------------------|-------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.10%                  | <0.01                  | <0.01                   |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 0.36%                   | 3.43                   | 172                     |
| Cannabidiol Acid (CBD-A)                                   | <0.10%                  | <0.01                  | <0.01                   |
| Cannabidiol (CBD)                                          | 0.38%                   | 3.63                   | 182                     |
| Cannabigerol Acid (CBG-A)                                  | <0.10%                  | <0.01                  | <0.01                   |
| Cannabigerol (CBG)                                         | <0.10%                  | 0.09                   | 4.50                    |
| Cannabinol (CBN)                                           | <0.10%                  | 0.09                   | 4.50                    |
| Cannabichromene (CBC)                                      | <0.10%                  | <0.01                  | <0.01                   |
| Tetrahydrocannabivarin (THCV)                              | <0.10%                  | 0.04                   | 2.00                    |
| Cannabidivarin (CBDV)                                      | <0.10%                  | 0.01                   | 0.48                    |
| <b>Total</b>                                               |                         | <b>7.29</b>            | <b>365</b>              |

Weight of 50 mL of product = 47.54 grams (information provided by customer)

### Terpene Content Results

*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | <0.10%                  |
| $\beta$ -Pinene        | <0.10%                  |
| $\beta$ -Myrcene       | <0.10%                  |
| Limonene               | <0.10%                  |
| Ocimene                | <0.10%                  |
| Linalool               | <0.10%                  |
| $\beta$ -Caryophyllene | <0.10%                  |
| Humulene               | <0.10%                  |



Results Approved by: Jose A. Zavaleta, Lab Director

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## Attachment A

| Pesticide                         | Residue limits according to EPA<br>in parts per billion (ppb) |
|-----------------------------------|---------------------------------------------------------------|
| Avermectin (abamectin)            | < 10                                                          |
| Acequinocyl                       | < 20                                                          |
| Bifenazate                        | < 100                                                         |
| Bifenthrin (synthetic pyrethroid) | < 50                                                          |
| Cyfluthrin (synthetic pyrethroid) | < 20                                                          |
| Etoxazole                         | < 10                                                          |
| Imazalil                          | < 100                                                         |
| Imidacloprid                      | < 50                                                          |
| Myclobutanil                      | < 20                                                          |
| Paclobutrazol                     | < 400                                                         |
| Pyrethrins (synthetic)            | < 50                                                          |
| Spinosad                          | < 10                                                          |
| Spiromesifen                      | < 20                                                          |
| Spirotetramat                     | < 200                                                         |
| Trifloxystrobin                   | < 50                                                          |

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