

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

Results issued on: 4/15/2020 COA No.: 84041520-A

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| IPJL20-002        | 1563-5    | Quality Control Analysis   |
|                   | 1563-6    |                            |
|                   | 1563-6    | Active Ingredient Analysis |
|                   | 1563-6    | 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>E. coli</i>                | Not Detected in 1 gram | 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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### **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per pill<br>(260.4-mg of product) | mg per pill<br>(520.8-mg of product) |
|------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.10%                  | <0.10                                | <0.10                                |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 1.92%                   | 5.00                                 | 10.0                                 |
| Cannabidiol Acid (CBD-A)                                   | <0.10%                  | <0.10                                | <0.10                                |
| Cannabidiol (CBD)                                          | <0.10%                  | <0.10                                | <0.10                                |
| Cannabigerol Acid (CBG-A)                                  | <0.10%                  | <0.10                                | <0.10                                |
| Cannabigerol (CBG)                                         | <0.10%                  | <0.10                                | <0.10                                |
| Cannabinol (CBN)                                           | <0.10%                  | <0.10                                | <0.10                                |
| Cannabichromene (CBC)                                      | <0.10%                  | <0.10                                | <0.10                                |
| Tetrahydrocannabivarin (THCV)                              | <0.10%                  | <0.10                                | <0.10                                |
| Cannabidivarin (CBDV)                                      | <0.10%                  | <0.10                                | <0.10                                |
|                                                            | <b>Total</b>            | <b>5.00</b>                          | <b>10.0</b>                          |
| <b>Total Cannabinoids (10 pills)</b>                       |                         | <b>50.0 mg</b>                       | <b>100 mg</b>                        |
| <b>Total Weight (10 pills)</b>                             |                         | <b>2604 mg</b>                       | <b>5208 mg</b>                       |

### **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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