

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

Results issued on: 6/4/2022 COA No.: 84060422-B

| Client Lot Number | Sample ID        | Tests Conducted            | Reference Method |
|-------------------|------------------|----------------------------|------------------|
| IBAT22-004        | 1780-3<br>1780-4 | Quality Control Analysis   |                  |
|                   | 1780-4           | Active Ingredient Analysis | ASL-SOP-300      |
|                   | 1780-4           | Terpene Analysis           | ASL-SOP-301      |

### Quality Control Results

| <u>Test</u>  | <u>Test Conducted</u>         | <u>Reference Method</u> | <u>Specification</u>   | <u>Results (Pass/Fail)</u> |
|--------------|-------------------------------|-------------------------|------------------------|----------------------------|
| Microbiology | Total Aerobic Microbial Count | USP <1111>              | < 200 CFU/g            | Passed                     |
|              | Total Yeast and Mold Count    | USP <1111>              | < 20 CFU/g             | Passed                     |
|              | <i>P. aeruginosa</i>          | USP <1111>              | Not Detected in 1 gram | Passed                     |
|              | <i>S. aureus</i>              | USP <1111>              | Not Detected in 1 gram | Passed                     |
|              | Gram Neg.                     | USP <1111>              | Not Detected in 1 gram | Passed                     |
| Mycotoxins   | Aflatoxin B1                  | ASL-SOP-213             | < 20 ug/Kg             | Passed                     |
|              | Aflatoxin B2                  | ASL-SOP-213             | < 20 ug/Kg             | Passed                     |
|              | Aflatoxin G1                  | ASL-SOP-213             | < 20 ug/Kg             | Passed                     |
|              | Aflatoxin G2                  | ASL-SOP-213             | < 20 ug/Kg             | Passed                     |
|              | Ochratoxin A                  | ASL-SOP-213             | < 20 ug/Kg             | Passed                     |
| Heavy Metals | Arsenic - As                  | ASL-SOP-400             | < 0.14 ug/Kg           | Passed                     |
|              | Cadmium - Cd                  | ASL-SOP-400             | < 0.09 ug/Kg           | Passed                     |
|              | Mercury - Hg                  | ASL-SOP-400             | < 0.29 ug/Kg           | Passed                     |
|              | Lead - Pb                     | ASL-SOP-400             | < 0.29 ug/Kg           | Passed                     |

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Client Lot Number: IBAT22-004

### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                               | Percent by weight (% w/w) | mg per 0.5 g | mg per 1.0 g |
|-----------------------------------------------------------|---------------------------|--------------|--------------|
| Cannabidivarin (CBDV)                                     | <0.01                     | <0.01        | <0.01        |
| Cannabidiol Acid (CBD-A)                                  | 0.16                      | 0.80         | 1.60         |
| Cannabigerol Acid (CBG-A)                                 | 4.41                      | 22.1         | 44.1         |
| Cannabigerol (CBG)                                        | 1.07                      | 5.35         | 10.7         |
| Cannabidiol (CBD)                                         | <0.01                     | <0.01        | <0.01        |
| Tetrahydrocannabivarin (THCV)                             | 0.29                      | 1.45         | 2.90         |
| Cannabinol (CBN)                                          | 0.16                      | 0.80         | 1.60         |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)       | 16.0                      | 80.0         | 160          |
| Cannabichromene (CBC)                                     | 0.26                      | 1.30         | 2.60         |
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ THC-A) | 73.1                      | 366          | 731          |
| <b>Total</b>                                              | <b>95.5</b>               | <b>478</b>   | <b>955</b>   |

### Terpene Content Results

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

| Terpene                | Percent by weight (% w/w) |
|------------------------|---------------------------|
| $\beta$ -Myrcene       | 0.14                      |
| Limonene               | 0.17                      |
| Ocimene                | 0.13                      |
| Linalool               | 0.20                      |
| $\beta$ -Caryophyllene | 0.45                      |
| Humulene               | 0.16                      |
| Guaiol                 | 0.20                      |



Results Approved by  
Jose A. Zavaleta, Lab Director

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**Client Lot Number: IBAT22-004**