

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

Results issued on: 4/12/2022 COA No.: 84041122-F

| Client Lot Number | Sample ID        | Tests Conducted            | Reference Method |
|-------------------|------------------|----------------------------|------------------|
| HPEN22-005        | 1766-7<br>1766-8 | Quality Control Analysis   |                  |
|                   | 1766-8           | Active Ingredient Analysis | ASL-SOP-300      |
|                   | 1766-8           | 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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### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                               | Percent by weight (w/w) | mg per 1-mL   | mg per 0.1 mL  | 350 mg (THC + THCA) | 200 mg (THC + THCA) |
|-----------------------------------------------------------|-------------------------|---------------|----------------|---------------------|---------------------|
| Cannabidivarin (CBDV)                                     | <0.01%                  | <0.01         | <0.01          | <0.01               | <0.01               |
| Cannabidiol Acid (CBD-A)                                  | <0.01%                  | <0.01         | <0.01          | <0.01               | <0.01               |
| Cannabigerol Acid (CBG-A)                                 | 0.12%                   | 1.24          | 0.12           | 0.50                | 0.29                |
| Cannabigerol (CBG)                                        | 3.07%                   | 31.6          | 3.16           | 12.8                | 7.34                |
| Cannabidiol (CBD)                                         | 0.69%                   | 7.11          | 0.71           | 2.89                | 1.65                |
| Tetrahydrocannabivarin (THCV)                             | 0.77%                   | 7.93          | 0.79           | 3.22                | 1.84                |
| Cannabinol (CBN)                                          | 2.58%                   | 26.6          | 2.66           | 10.8                | 6.16                |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)       | 83.4%                   | 859           | 85.9           | 349                 | 199                 |
| Cannabichromene (CBC)                                     | 0.97%                   | 9.99          | 1.00           | 4.06                | 2.32                |
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ THC-A) | 0.30%                   | 3.09          | 0.31           | 1.25                | 0.72                |
| <b>Total</b>                                              | <b>91.9%</b>            | <b>947 mg</b> | <b>94.7 mg</b> | <b>385 mg</b>       | <b>219 mg</b>       |
| <b>Total weight of sample</b>                             | <b>-----</b>            | <b>-----</b>  | <b>-----</b>   | <b>0.418 g</b>      | <b>0.239 g</b>      |
| <b>Density = 1.03 g/mL</b>                                |                         |               |                |                     |                     |

### Terpene Content Results

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

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| Limonene               | 1.41%                   |
| Linalool               | 1.35%                   |
| $\beta$ -Caryophyllene | 0.72%                   |
| Humulene               | 0.27%                   |
| Guaiol                 | 0.11%                   |



Results Approved by  
Jose A. Zavaleta, Lab Director

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