

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

Results issued on: 3/14/2023 COA No.: 84031423-K

| Client Lot Number | Sample ID | Tests Conducted            | Reference Method |
|-------------------|-----------|----------------------------|------------------|
| OSD-22-002        | 1857-5    | Quality Control Analysis   | see table below  |
|                   | 1857-5    |                            |                  |
|                   | 1857-5    | Active Ingredient Analysis | ASL-SOP-300      |
|                   | 1857-5    | Terpene Analysis           | ASL-SOP-301      |

#### Quality Control Analysis and 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 <2023>              | < 10 <sup>5</sup> CFU/g | Passed                     |
|              | Total Yeast and Mold Count    | USP <2023>              | < 10 <sup>5</sup> CFU/g | Passed                     |
|              | <i>STE.coli</i>               | MIC-qPCR<br><USP 2023>  | Not Detected in 1 gram  | Passed                     |
|              | <i>E. coli</i>                | MIC-qPCR<br><USP 2023>  | Not Detected in 1 gram  | Passed                     |
|              | <i>Salmonella</i>             | MIC-qPCR<br><USP 2023>  | Not Detected in 1 gram  | Passed                     |
|              | <i>L. monocytogenes</i>       | MIC-qPCR<br><USP 2023>  | Not Detected in 1 gram  | Passed                     |
|              | <i>Aspergillus fumigatus</i>  | MIC-qPCR<br><USP 2023>  | Not Detected in 1 gram  | Passed                     |
|              | <i>Aspergillus flavus</i>     | MIC-qPCR<br><USP 2023>  | Not Detected in 1 gram  | Passed                     |
|              | <i>Aspergillus niger</i>      | MIC-qPCR<br><USP 2023>  | Not Detected in 1 gram  | Passed                     |
|              | <i>Aspergillus terreus</i>    | MIC-qPCR<br><USP 2023>  | 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: OSD-22-002

**Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                               | Dry-weight<br>percent (% w/w) |
|-----------------------------------------------------------|-------------------------------|
| Cannabidiol Acid (CBD-A)                                  | <0.10                         |
| Cannabidiol (CBD)                                         | <0.10                         |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)       | 0.43                          |
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ THC-A) | 27.2                          |

Dry-weight percent cannabinoid content = wet-weight percent cannabinoid / (1 – percent moisture / 100)

“wet-weight” means the weight of the sample as it was collected from facility.

**Terpene Content Results**

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

| Terpene                | Percent by<br>weight (% w/w) |
|------------------------|------------------------------|
| $\beta$ -Myrcene       | 0.22                         |
| $\beta$ -Caryophyllene | 0.30                         |



Results Approved by  
Jose A. Zavaleta, Lab Director