

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

Results issued on: 1/16/2023 COA No.: 84011623-C

| Client Lot Number | Sample ID | Tests Conducted            | Reference Method |
|-------------------|-----------|----------------------------|------------------|
| SPEN22-018        | 1843-16   | Quality Control Analysis   | see table below  |
|                   | 1843-17   |                            |                  |
|                   | 1843-17   | Active Ingredient Analysis | ASL-SOP-300      |
|                   | 1843-17   | Terpene Analysis           | ASL-SOP-301      |

#### Quality Control Analysis and Results

| Test         | Test Conducted                | Reference Method       | Specification           | Results (Pass/Fail) |
|--------------|-------------------------------|------------------------|-------------------------|---------------------|
| 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: **SPEN22-018**

### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                               | Percent by weight (% w/w) | mg per 1.0 g unit | mg per 0.5 g unit | mg per 0.3 g unit |
|-----------------------------------------------------------|---------------------------|-------------------|-------------------|-------------------|
| Cannabidiol Acid (CBD-A)                                  | <0.01                     | <0.01             | <0.01             | <0.01             |
| Cannabidiol (CBD)                                         | 0.23                      | 2.30              | 1.15              | 0.69              |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)       | 77.7                      | 777               | 389               | 233               |
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ THC-A) | 1.18                      | 11.8              | 5.90              | 3.54              |
| <b>Total</b>                                              | <b>79.1</b>               | <b>791</b>        | <b>396</b>        | <b>237</b>        |
| <b>Total weight of sample</b>                             | <b>-----</b>              | <b>1.0 g</b>      | <b>0.5 g</b>      | <b>0.3 g</b>      |
| <b>Density = 1.02 g/mL</b>                                |                           |                   |                   |                   |

### Terpene Content Results

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

| Terpene                | Percent by weight (% w/w) |
|------------------------|---------------------------|
| $\alpha$ -Bisabolol    | 0.41                      |
| $\beta$ -Caryophyllene | 0.49                      |
| Humulene               | 0.20                      |
| Terpinolene            | 0.25                      |



Results Approved by  
Jose A. Zavaleta, Lab Director