

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

Results issued on: 1/17/2023 COA No.: 84122822B-C

| Client Lot Number | Sample ID        | Tests Conducted            | Reference Method |
|-------------------|------------------|----------------------------|------------------|
| SPEN22-020        | 1836-6<br>1836-7 | Quality Control Analysis   | see table below  |
|                   | 1836-7           | Active Ingredient Analysis | ASL-SOP-300      |
|                   | 1836-7           | 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              |

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: SPEN22-020

### 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)                                         | 0.35                      | 3.50              | 1.75              | 1.05              |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)       | 78.8                      | 788               | 394               | 236               |
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ THC-A) | 0.46                      | 4.60              | 2.30              | 1.38              |
| <b>Total</b>                                              | <b>79.6</b>               | <b>796</b>        | <b>398</b>        | <b>238</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 = 1.03 g/mL</b>                                |                           |                   |                   |                   |

### Terpene Content Results

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

| Terpene                | Percent by weight (% w/w) |
|------------------------|---------------------------|
| $\alpha$ -Bisabolol    | 0.41                      |
| $\beta$ -Myrcene       | 0.28                      |
| Limonene               | 0.24                      |
| $\beta$ -Caryophyllene | 0.48                      |



Results Approved by  
Jose A. Zavaleta, Lab Director

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: **SPEN22-020**