

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T050421-01**Report Date: **05/10/2021**E-Mail: [dan@theraplant.com](mailto:dan@theraplant.com)

|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| <b>Sample Site:</b>         | <b>THERAPLANT</b><br>• 856 ECHO LAKE RD, WATERTOWN CT |
| <b>Product Description:</b> | <b>SPEN21-012</b>                                     |

| <b>Microbiological Parameters</b>    | <b>Result</b> | <b>Units</b> | <b>Pass/Fail</b> | <b>Recommended Limits</b> |
|--------------------------------------|---------------|--------------|------------------|---------------------------|
| Total Aerobic Microbial Count        | 200           | per gram     | PASS             | 100,000                   |
| Total Yeast & Mold Count             | <100          | per gram     | PASS             | 10,000                    |
| Bile Tolerant Gram Negative Bacteria | <100          | per gram     | PASS             | 1,000                     |
| Coliform                             | <100          | per gram     | PASS             | 1,000                     |
| Enteropathogenic E.coli              | Not Detected  | per gram     | PASS             | Not Detected              |
| Salmonella species                   | Not Detected  | per gram     | PASS             | Not Detected              |

| <b>Heavy Metals:</b> | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
|----------------------|---------------|--------------|------|---------------|
| Arsenic, Total       | <0.0005       | µg/kg BW/day | PASS | <0.14         |
| Cadmium, Total       | <0.007        | µg/kg BW/day | PASS | <0.09         |
| Lead, Total          | <0.25         | µg/kg BW/day | PASS | <0.29         |
| Mercury, Total       | <0.005        | µg/kg BW/day | PASS | <0.29         |

| <b>Mycotoxins:</b> | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
|--------------------|---------------|--------------|------|---------------|
| Aflatoxin B1       | <5            | µg/kg        | PASS | 5             |
| Aflatoxin B2       | <5            | µg/kg        | PASS | 5             |
| Aflatoxin G1       | <5            | µg/kg        | PASS | 5             |
| Aflatoxin G2       | <5            | µg/kg        | PASS | 5             |
| Ochratoxin-A       | <5            | µg/kg        | PASS | 5             |

| <b>Pesticides:</b> |      |
|--------------------|------|
| Bifenazate         | PASS |
| Bifenthrin         | PASS |
| Cyfluthrin         | PASS |
| Etoxazole          | PASS |
| Imazalil           | PASS |
| Imidacloprid       | PASS |
| Myclobutanil       | PASS |
| Pyrethrum          | PASS |
| Spiromesifen       | PASS |
| Trifloxystrobin    | PASS |



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| <u>TERPENES by GC/MS</u><br><u>(% Dry Weight)</u> | <u>Result</u> | <u>Units</u> |
|---------------------------------------------------|---------------|--------------|
| b-pinene                                          | 0.31          | %            |
| b-myrcene                                         | 0.34          | %            |
| limonene                                          | 0.44          | %            |
| linalool                                          | 2.52          | %            |
| b-caryophyllene                                   | 1.65          | %            |
| a-humulene                                        | 0.66          | %            |
| trans-nerolidol                                   | 0.09          | %            |
| guaiol                                            | 0.09          | %            |
| a-bisabolol                                       | 0.30          | %            |

| <u>CANNABINOIDS by HPLC</u><br><u>(% Dry weight)</u> | <u>Result</u> | <u>Units</u>    |
|------------------------------------------------------|---------------|-----------------|
| CBDV                                                 | <0.01         | % weight        |
| CBDA                                                 | <0.01         | % weight        |
| CBGA                                                 | 2.24          | % weight        |
| CBG                                                  | <0.01         | % weight        |
| CBD                                                  | <0.01         | % weight        |
| THCV                                                 | 0.26          | % weight        |
| CBN                                                  | 0.81          | % weight        |
| THC                                                  | 76.82         | % weight        |
| CBC                                                  | 1.48          | % weight        |
| THCA                                                 | <0.01         | % weight        |
| <b>TOTAL CANNABINOIDS =</b>                          | <b>81.61</b>  | <b>% weight</b> |

|         |      |                   |
|---------|------|-------------------|
| Density | 1.02 | g/cm <sup>3</sup> |
|---------|------|-------------------|

**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 05/04/2021 (2183972-01).

Reviewed & Released by: *Michelle Szylobryt*  
Michelle Szylobryt, QA / QC

Approved By: *Alan C. Johnson*  
Alan C. Johnson, Laboratory Director

Date: 5/10/2021

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| <b>CANNABINOIDS</b>               | <b>% by Weight</b> | <b>1 mL serving</b> | <b>.1 mL</b> | <b>350mg<br/>(THC + THCA)</b> | <b>200 mg<br/>(THC + THCA)</b> |
|-----------------------------------|--------------------|---------------------|--------------|-------------------------------|--------------------------------|
| CBDV                              | <0.01              | <0.01               | <0.01        | <0.01                         | <0.01                          |
| CBDA                              | <0.01              | <0.01               | <0.01        | <0.01                         | <0.01                          |
| CBGA                              | 2.24               | 22.85               | 2.28         | 10.21                         | 5.83                           |
| CBG                               | <0.01              | <0.01               | <0.01        | <0.01                         | <0.01                          |
| CBD                               | <0.01              | <0.01               | <0.01        | <0.01                         | <0.01                          |
| THCV                              | 0.26               | 2.65                | 0.27         | 1.18                          | 0.68                           |
| CBN                               | 0.81               | 8.26                | 0.83         | 3.69                          | 2.11                           |
| THC                               | 76.82              | 783.56              | 78.36        | 350.00                        | 200.00                         |
| CBC                               | 1.48               | 15.10               | 1.51         | 6.74                          | 3.85                           |
| THCA                              | <0.01              | <0.01               | <0.01        | <0.01                         | <0.01                          |
| <b>Total Cannabinoids (mg)</b>    | <b>----</b>        | <b>832.42</b>       | <b>83.24</b> | <b>371.82</b>                 | <b>212.47</b>                  |
| <b>Total Cannabinoids (%)</b>     | <b>81.61</b>       | <b>----</b>         | <b>----</b>  | <b>----</b>                   | <b>----</b>                    |
| <b>Total Weight of Sample (g)</b> | <b>----</b>        | <b>----</b>         | <b>----</b>  | <b>0.456</b>                  | <b>0.260</b>                   |

**Comments:**

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