

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T021221-02**Report Date: **02/18/2021**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>SPEN 21 – 006</b>                                  |

| <b>Microbiological Parameters</b>    | <b>Result</b> | <b>Units</b> | <b>Pass/Fail</b> | <b>Recommended Limits</b> |
|--------------------------------------|---------------|--------------|------------------|---------------------------|
| Total Aerobic Microbial Count        | <100          | 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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| <b>TERPENES by GC/MS</b><br><b>(% Dry Weight)</b> | <b>Result</b> | <b>Units</b> |
|---------------------------------------------------|---------------|--------------|
| a-pinene                                          | 0.94          | %            |
| b-pinene                                          | 1.00          | %            |
| b-myrcene                                         | 0.24          | %            |
| limonene                                          | 0.84          | %            |
| b-caryophyllene                                   | 1.70          | %            |
| a-humulene                                        | 0.70          | %            |
| a-bisabolol                                       | 0.70          | %            |

| <b>CANNABINOIDS by HPLC</b><br><b>(% Dry weight)</b> | <b>Result</b> | <b>Units</b>    |
|------------------------------------------------------|---------------|-----------------|
| CBDV                                                 | <0.10         | % weight        |
| CBDA                                                 | <0.10         | % weight        |
| CBGA                                                 | 0.36          | % weight        |
| CBG                                                  | 1.36          | % weight        |
| CBD                                                  | 0.43          | % weight        |
| THCV                                                 | 0.47          | % weight        |
| CBN                                                  | <0.10         | % weight        |
| THC                                                  | 86.84         | % weight        |
| CBC                                                  | 1.43          | % weight        |
| THCA                                                 | 1.16          | % weight        |
| <b>TOTAL CANNABINOIDS =</b>                          | <b>92.05</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: 02/12/2021 (2183280-02).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 02/18/2021



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| <b>Product Description:</b> | <b>SPEN 21 – 006</b>                                  |

| <u>CANNABINOIDS</u>               | <u>% by Weight</u> | <u>1 mL serving</u> | <u>0.1 mL serving</u> | <u>350mg (THC + THCA)</u> | <u>200mg (THC + THCA)</u> |
|-----------------------------------|--------------------|---------------------|-----------------------|---------------------------|---------------------------|
| CBDV                              | <0.10              | <0.10               | <0.10                 | <0.10                     | <0.10                     |
| CBDA                              | <0.10              | <0.10               | <0.10                 | <0.10                     | <0.10                     |
| CBGA                              | 0.36               | 3.67                | 0.37                  | 1.43                      | 0.82                      |
| CBG                               | 1.36               | 13.87               | 1.39                  | 5.41                      | 3.09                      |
| CBD                               | 0.43               | 4.39                | 0.44                  | 1.71                      | 0.98                      |
| THCV                              | 0.47               | 4.79                | 0.48                  | 1.87                      | 1.07                      |
| CBN                               | <0.10              | <0.10               | <0.10                 | <0.10                     | <0.10                     |
| THC                               | 86.84              | 885.77              | 88.58                 | 345.39                    | 197.36                    |
| CBC                               | 1.43               | 14.59               | 1.46                  | 5.69                      | 3.25                      |
| THCA                              | 1.16               | 11.83               | 1.18                  | 4.61                      | 2.64                      |
| <b>Total Cannabinoids (mg)</b>    | <b>----</b>        | <b>938.91</b>       | <b>93.89</b>          | <b>366.11</b>             | <b>209.20</b>             |
| <b>Total Weight of Sample (g)</b> | <b>----</b>        | <b>----</b>         | <b>----</b>           | <b>0.398</b>              | <b>0.227</b>              |
| <b>Total Cannabinoids (%)</b>     | <b>92.05</b>       | <b>----</b>         | <b>----</b>           | <b>----</b>               | <b>----</b>               |

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 02/12/2021 (2183280-02).