

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T042721-05**Report Date: **05/04/2021**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>IORS21-003</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>Product Description:</b> | <b>IORS21-003</b>                                     |

| <b>TERPENES by GC/MS</b><br><b>(% Dry Weight)</b> | <b>Result</b>      | <b>Units</b> |
|---------------------------------------------------|--------------------|--------------|
|                                                   | BELOW<br>DETECTION | %            |

| <b>CANNABINOIDS by HPLC</b><br><b>(% Dry weight)</b> | <b>Result</b> | <b>Units</b>    |
|------------------------------------------------------|---------------|-----------------|
| CBDV                                                 | <0.01         | % weight        |
| CBDA                                                 | <0.01         | % weight        |
| CBGA                                                 | <0.01         | % weight        |
| CBG                                                  | 0.11          | % weight        |
| CBD                                                  | <0.01         | % weight        |
| THCV                                                 | <0.01         | % weight        |
| CBN                                                  | <0.01         | % weight        |
| THC                                                  | 3.56          | % weight        |
| CBC                                                  | 0.07          | % weight        |
| THCA                                                 | <0.01         | % weight        |
| <b>TOTAL CANNABINOIDS =</b>                          | <b>3.74</b>   | <b>% weight</b> |

|         |      |                   |
|---------|------|-------------------|
| Density | 1.01 | g/cm <sup>3</sup> |
|---------|------|-------------------|

**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/27/2021 (2183916-05).

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

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

Date: 5/4/2021

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| <b>Sample Site:</b>         | <b>THERAPLANT</b><br>• 856 ECHO LAKE RD, WATERTOWN CT |
| <b>Product Description:</b> | <b>IRS21-003</b>                                      |

| <u>CANNABINOIDS</u>            | <u>% by Weight</u> | <u>1 mL serving</u> | <u>30 mL serving</u> |
|--------------------------------|--------------------|---------------------|----------------------|
| CBDV                           | <0.01              | <0.01               | <0.01                |
| CBDA                           | <0.01              | <0.01               | <0.01                |
| CBGA                           | <0.01              | <0.01               | <0.01                |
| CBG                            | 0.11               | 1.11                | 33.33                |
| CBD                            | <0.01              | <0.01               | <0.01                |
| THCV                           | <0.01              | <0.01               | <0.01                |
| CBN                            | <0.01              | <0.01               | <0.01                |
| THC                            | 3.56               | 35.96               | 1078.68              |
| CBC                            | 0.07               | 0.71                | 21.21                |
| THCA                           | <0.01              | <0.01               | <0.01                |
| <b>Total Cannabinoids (mg)</b> | <b>----</b>        | <b>37.77</b>        | <b>1113.22</b>       |
| <b>Total Cannabinoids (%)</b>  | <b>3.74</b>        | <b>----</b>         | <b>----</b>          |

**Comments:**

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