

**Theraplant, LLC**  
856 Echo Lake Road  
Watertown, CT 06795

Date Received: 11/24/2021  
Report Date: 12/01/2021  
NELabs Report ID: 2186061-04

## Product ID: IPEN21-024

| <b>Microbiology</b>                  | <b>Results (CFU)</b> | <b>Limits (CFU)</b> | <b>Methods</b> |
|--------------------------------------|----------------------|---------------------|----------------|
| Total Aerobic Microbial Count        | <100                 | 100,000             | AOAC 990.12    |
| Total Yeast & Mold Count             | <100                 | 10,000              | AOAC 2014.05   |
| Bile Tolerant Gram-Negative Bacteria | <100                 | 1,000               | AOAC 2003.01   |
| Coliform                             | <100                 | 1,000               | AOAC 991.14    |
| Enteropathogenic <i>E. coli</i>      | Not Detected         | Not Detected        | AOAC 2017.01   |
| Salmonella species                   | Not Detected         | Not Detected        | AOAC 2016.01   |
| <b>Pass/Fail: PASS</b>               |                      |                     |                |

| <b>Heavy Metals by ICP-MS</b> | <b>Results (µg/kg BW/day)</b> | <b>Limits (µg/kg BW/day)</b> |
|-------------------------------|-------------------------------|------------------------------|
| Arsenic                       | <3.2 <sup>-4</sup>            | <0.14                        |
| Cadmium                       | <2.4 <sup>-4</sup>            | <0.09                        |
| Lead                          | <2.2 <sup>-4</sup>            | <0.29                        |
| Mercury                       | <8.4 <sup>-4</sup>            | <0.29                        |
| <b>Pass/Fail: PASS</b>        |                               |                              |

| <b>Mycotoxins by TLC</b> | <b>Results (µg/kg)</b> | <b>Limits (µg/kg)</b> |
|--------------------------|------------------------|-----------------------|
| Aflatoxin B1             | <5                     | 5                     |
| Aflatoxin B2             | <5                     | 5                     |
| Aflatoxin G1             | <5                     | 5                     |
| Aflatoxin G2             | <5                     | 5                     |
| Ochratoxin-A             | <5                     | 5                     |
| <b>Pass/Fail: PASS</b>   |                        |                       |

| <b>Pesticides by GC-MS</b> | <b>Results</b> |                 | <b>Results</b> |
|----------------------------|----------------|-----------------|----------------|
| Bifenazate                 | Not Detected   | Imidacloprid    | Not Detected   |
| Bifenthrin                 | Not Detected   | Myclobutanil    | Not Detected   |
| Cyfluthrin                 | Not Detected   | Pyrethrum       | Not Detected   |
| Etoazole                   | Not Detected   | Spiromesifen    | Not Detected   |
| Imazalil                   | Not Detected   | Trifloxystrobin | Not Detected   |
| <b>Pass/Fail: PASS</b>     |                |                 |                |

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| <b><i>Terpenes by GC-MS</i></b> | <b>Results (% w/w)</b> |
|---------------------------------|------------------------|
| $\alpha$ -Pinene                | 0.48                   |
| $\beta$ -Myrcene                | 1.30                   |
| $\beta$ -Pinene                 | 0.38                   |
| 3-Carene                        | 0.11                   |
| Limonene                        | 0.44                   |
| Linalool                        | 0.69                   |
| $\beta$ -Caryophyllene          | 0.92                   |
| $\alpha$ -Humulene              | 0.22                   |

| <b><i>Cannabinoids by HPLC</i></b> | <b>Results (% w/w)</b> |
|------------------------------------|------------------------|
| CBDV                               | <0.01                  |
| CBDA                               | <0.01                  |
| CBGA                               | <0.01                  |
| CBG                                | 2.86                   |
| CBD                                | <0.01                  |
| THCV                               | <0.01                  |
| CBN                                | 0.31                   |
| $\Delta^9$ THC                     | 56.83                  |
| $\Delta^8$ THC                     | 19.60                  |
| CBC                                | 2.96                   |
| THCA                               | <0.01                  |
| <b>Total Cannabinoids: 82.56</b>   |                        |

| <b><i>Density</i></b> | <b>Results (g/cm<sup>3</sup>)</b> |
|-----------------------|-----------------------------------|
| Sample Mass           | 0.99                              |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/24/2021.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 12/01/2021 | Michelle Szylobryt, QA / QC                                                                      | Alan C. Johnson, Laboratory Director                                                               |

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| <b><i>Cannabinoids</i></b> | <b>% w/w</b> | <b>1 mL serving</b> | <b>.1 mL serving</b> | <b>350 mg<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                       | <0.01        | <0.01               | <0.01                | <0.01                          | <0.01                          |
| CBG                        | 2.86         | 28.31               | 2.83                 | 13.10                          | 7.48                           |
| CBD                        | <0.01        | <0.01               | <0.01                | <0.01                          | <0.01                          |
| THCV                       | <0.01        | <0.01               | <0.01                | <0.01                          | <0.01                          |
| CBN                        | 0.31         | 3.07                | 0.31                 | 1.42                           | 0.81                           |
| $\Delta^9$ THC             | 56.83        | 562.62              | 56.26                | 260.24                         | 148.71                         |
| $\Delta^8$ THC             | 19.60        | 194.04              | 19.40                | 89.76                          | 51.29                          |
| CBC                        | 2.96         | 29.30               | 2.93                 | 13.55                          | 7.75                           |
| THCA                       | <0.01        | <0.01               | <0.01                | <0.01                          | <0.01                          |
| Total Cannabinoids (mg)    | ----         | 817.34              | 81.73                | 378.07                         | 216.04                         |
| Total Cannabinoids (%)     | 82.56        | ----                | ----                 | ----                           | ----                           |
| Total Weight of Sample (g) | ----         | ----                | ----                 | 0.458                          | 0.262                          |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/24/2021.