

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

Date Received: 11/11/2021  
Report Date: 11/18/2021  
NELabs Report ID: 2185957-07

## Product ID: HPEN21-015

| <b>Microbiology</b>                  | <b>Results (pass/fail)</b> | <b>Limits (CFU)</b> | <b>Methods</b> |
|--------------------------------------|----------------------------|---------------------|----------------|
| Total Aerobic Microbial Count        | PASS                       | 100,000             | AOAC 990.12    |
| Total Yeast & Mold Count             | PASS                       | 10,000              | AOAC 997.02    |
| Bile Tolerant Gram-Negative Bacteria | PASS                       | 1,000               | AOAC 2003.01   |
| Coliform                             | PASS                       | 1,000               | AOAC 991.14    |
| Enteropathogenic <i>E. coli</i>      | PASS                       | Not Detected        | AOAC 2017.01   |
| Salmonella species                   | PASS                       | Not Detected        | AOAC 2016.01   |

| <b>Heavy Metals by ICP-MS</b> | <b>Results (pass/fail)</b> | <b>Limits (µg/kg BW/day)</b> |
|-------------------------------|----------------------------|------------------------------|
| Arsenic                       | PASS                       | <0.14                        |
| Cadmium                       | PASS                       | <0.09                        |
| Lead                          | PASS                       | <0.29                        |
| Mercury                       | PASS                       | <0.29                        |

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

| <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                | 0.82                   |
| $\beta$ -Myrcene                | 0.39                   |
| $\beta$ -Pinene                 | 1.54                   |
| 3-Carene                        | 0.09                   |
| Limonene                        | 0.22                   |
| $\beta$ -Caryophyllene          | 0.86                   |
| $\alpha$ -Humulene              | 0.01                   |

| <b><i>Cannabinoids by HPLC</i></b> | <b>Results (% w/w)</b> |
|------------------------------------|------------------------|
| CBDV                               | <0.01                  |
| CBDA                               | <0.01                  |
| CBGA                               | 0.04                   |
| CBG                                | 2.10                   |
| CBD                                | 0.01                   |
| THCV                               | <0.01                  |
| CBN                                | 1.65                   |
| THC                                | 81.40                  |
| CBC                                | <0.01                  |
| THCA                               | <0.01                  |
| <b>Total Cannabinoids: 85.20</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 11/11/2021.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Alan C. Johnson</i>  |
| 11/18/2021 | 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                       | 0.04         | 0.40                | 0.04                 | 0.17                           | 0.10                           |
| CBG                        | 2.10         | 20.79               | 2.08                 | 9.03                           | 5.16                           |
| CBD                        | 0.01         | 0.10                | 0.01                 | 0.04                           | 0.02                           |
| THCV                       | <0.01        | <0.01               | <0.01                | <0.01                          | <0.01                          |
| CBN                        | 1.65         | 16.34               | 1.63                 | 7.09                           | 4.05                           |
| THC                        | 81.40        | 805.86              | 80.59                | 350.00                         | 200.00                         |
| CBC                        | <0.01        | <0.01               | <0.01                | <0.01                          | <0.01                          |
| THCA                       | <0.01        | <0.01               | <0.01                | <0.01                          | <0.01                          |
| Total Cannabinoids (mg)    | ----         | 843.48              | 84.35                | 366.34                         | 209.34                         |
| Total Cannabinoids (%)     | 85.20        | ----                | ----                 | ----                           | ----                           |
| Total Weight of Sample (g) | ----         | ----                | ----                 | 0.430                          | 0.246                          |

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