

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

Date Received: 02/20/2024  
Report Date: 02/28/2024  
NELabs Report ID: 2492691-21

**Product ID: HPEN23-047**

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | <100          | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | <100          | 100,000      | AOAC 2014.05 |
| <i>Aspergillus (flavus, fumigatus, terreus, niger)</i> | Not Detected  | Not Detected | qPCR         |
| Enteropathogenic <i>E. coli</i>                        | Not Detected  | Not Detected | AOAC 2017.01 |
| <i>Listeria Monocytogenes</i>                          | Not Detected  | Not Detected | AOAC 2016.08 |
| <i>Salmonella</i> species                              | Not Detected  | Not Detected | AOAC 2016.01 |
| Shiga Toxin Producing <i>E. coli</i>                   | Not Detected  | Not Detected | FDA BAM      |
| Pass/Fail: <b>PASS</b>                                 |               |              |              |

| Cannabinoids by HPLC | Results (% w/w) |
|----------------------|-----------------|
| CBDV                 | ----            |
| CBDA                 | ----            |
| CBGA                 | ----            |
| CBG                  | 4.34            |
| CBD                  | <LOQ            |
| THCV                 | 1.94            |
| CBN                  | 2.00            |
| $\Delta^9$ THC       | 84.89           |
| CBL                  | ----            |
| CBC                  | 1.96            |
| THCA                 | ----            |
| Total Cannabinoids   | 95.13 %         |
| Total THC: 84.89 %   |                 |

| Residual Solvent<br>by GC-MS | Results (% w/w) |
|------------------------------|-----------------|
| Ethanol                      | <LOQ            |

| Density     | Results (g/cm <sup>3</sup> ) |
|-------------|------------------------------|
| Sample Mass | 1.00                         |

| Terpenes by GC-MS      | Results (% w/w) |
|------------------------|-----------------|
| $\alpha$ -Pinene       | ----            |
| Camphene               | ----            |
| $\beta$ -Myrcene       | ----            |
| $\beta$ -Pinene        | ----            |
| 3-Carene               | ----            |
| $\alpha$ -Terpinene    | ----            |
| Limonene               | ----            |
| Ocimene                | ----            |
| p-Cymene               | ----            |
| $\gamma$ -Terpinene    | ----            |
| Terpinolene            | ----            |
| Linalool               | 0.01            |
| (-)-Isopulegol         | ----            |
| Geraniol               | ----            |
| $\beta$ -Caryophyllene | 0.03            |
| $\alpha$ -Humulene     | 0.01            |
| cis-Nerolidol          | ----            |
| trans-Nerolidol        | ----            |
| Guaiol                 | ----            |
| $\alpha$ -Bisabolol    | ----            |
| Total Terpenes: 0.05 % |                 |



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| Pesticides by LC-MS/MS | Results      | Limits              |
|------------------------|--------------|---------------------|
| Per Sample $\geq$ 0.5g | Not Detected | Below Action Levels |
| Pass/Fail: <b>PASS</b> |              |                     |

| Heavy Metals by ICP-MS | Results         | Limits              |
|------------------------|-----------------|---------------------|
| As, Cd, Pb, Hg         | Below Detection | Below Action Levels |
| Pass/Fail: <b>PASS</b> |                 |                     |

| Mycotoxins by LC-MS/MS      | Results ( $\mu\text{g/kg}$ ) | Limits ( $\mu\text{g/kg}$ ) |
|-----------------------------|------------------------------|-----------------------------|
| Aflatoxins (B1, B2, G1, G2) | <20 each                     | <20 each                    |
| Ochratoxin-A                | <20                          | <20                         |
| Pass/Fail: <b>PASS</b>      |                              |                             |

| Ingredient Testing by FTIR | Results ( $\mu\text{g/kg}$ ) | Limits ( $\mu\text{g/kg}$ ) |
|----------------------------|------------------------------|-----------------------------|
| Vitamin E Acetate          | Not Detected                 | Absent                      |
| Medium Chain Triglycerides | Not Detected                 | Absent                      |
| Squalene                   | Not Detected                 | Absent                      |
| Squalane                   | Not Detected                 | Absent                      |
| Polyethylene Glycol        | Not Detected                 | Absent                      |
| Pass/Fail: <b>PASS</b>     |                              |                             |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 02/20/2024.

|          |                                        |                                      |
|----------|----------------------------------------|--------------------------------------|
| Date:    | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 02/28/24 | Michelle Szylobryt, QA / QC            | Zachary Cannone, Laboratory Director |

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO/ILAC-IAF Communiqué dated April 2017).



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258



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| Cannabinoids   | % w/w | mg/350 mg | mg/500 mg | mg/800 mg | mg/1,000 mg |
|----------------|-------|-----------|-----------|-----------|-------------|
| CBDV           | ----  | ----      | ----      | ----      | ----        |
| CBDA           | ----  | ----      | ----      | ----      | ----        |
| CBGA           | ----  | ----      | ----      | ----      | ----        |
| CBG            | 4.34  | 15.19     | 21.70     | 34.72     | 43.40       |
| CBD            | <LOQ  | <1.0      | <1.0      | <1.0      | <1.0        |
| THCV           | 1.94  | 6.79      | 9.70      | 15.52     | 19.40       |
| CBN            | 2.00  | 7.00      | 10.00     | 16.00     | 20.00       |
| $\Delta^9$ THC | 84.89 | 297.12    | 424.45    | 679.12    | 848.90      |
| CBL            | ----  | ----      | ----      | ----      | ----        |
| CBC            | 1.96  | 6.86      | 9.80      | 15.68     | 19.60       |
| THCA           | ----  | ----      | ----      | ----      | ----        |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| $\beta$ -Caryophyllene  | 0.03            |
| $\alpha$ -Humulene      | 0.01            |
| Linalool                | 0.01            |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 02/20/2024.

