

Theraplant LLC  
856 Echo Lake Rd.  
Watertown, CT 06795

Date Received: 12/24/2024  
Report Date: 12/30/2024  
NELabs Report ID: 2495821-02

**IPEN24-034T**

Biotrack ID: IPEN24-034T

2718 3076 0995 4573

| Microbiology                                           | Results      | Limits       | Methods      |
|--------------------------------------------------------|--------------|--------------|--------------|
| Total Aerobic Microbial Count (cfu/g)                  | <100         | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count (cfu/g)                       | <100         | 100,000      | AOAC 2014.05 |
| <i>Aspergillus</i> (flavus, fumigatus, terreus, niger) | 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 | qPCR         |
| Pass/Fail                                              | Pass         |              |              |

By HPLC

By GC - MS

| Cannabinoids                                | Results (% w/w) | Dosing (mg/package) |
|---------------------------------------------|-----------------|---------------------|
| CBDV                                        |                 |                     |
| CBDA                                        |                 |                     |
| CBGA                                        |                 |                     |
| CBG                                         | 2.13            | 21.3                |
| CBD                                         | <LOQ            | <1.0                |
| THCV                                        | 0.76            | 7.6                 |
| CBN                                         | 1.87            | 18.7                |
| $\Delta^9$ THC                              | 89.59           | 895.9               |
| $\Delta^8$ THC                              |                 |                     |
| CBL                                         |                 |                     |
| THCA                                        | 1.16            | 11.6                |
| CBC                                         |                 |                     |
| Total Cannabinoids                          | <b>95.51</b>    | <b>955.1</b>        |
| Total THC % <small>(0.877*THCA)+THC</small> | <b>90.61</b>    |                     |

| Terpenes               | Results (% w/w) |
|------------------------|-----------------|
| $\alpha$ -Pinene       | 0.05            |
| $\beta$ -Myrcene       | 0.17            |
| $\beta$ -Pinene        | 0.09            |
| Limonene               | 0.96            |
| $\alpha$ -Terpinolene  | 0.01            |
| Linalool               | 0.32            |
| $\beta$ -Caryophyllene | 0.14            |
| $\alpha$ -Humulene     | 0.04            |
| Caryophyllene Oxide    |                 |
| $\alpha$ -Bisabolol    |                 |
| Total Terpenes         | <b>1.78</b>     |



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| Pesticides              | Results             | Limits              | Methods         |
|-------------------------|---------------------|---------------------|-----------------|
| Per Sample $\geq 0.5$ g | Below Action Limits | Below Action Limits | LC & GC - MS/MS |
| Pass/Fail               | Pass                |                     |                 |

| Mycotoxins                  | Results (µg/kg)     | Limits (µg/kg) | Methods    |
|-----------------------------|---------------------|----------------|------------|
| Aflatoxins (B1, B2, G1, G2) | Below Action Limits | < 20 each      | LC - MS/MS |
| Ochratoxin-A                | Below Action Limits | < 20           |            |
| Pass/Fail                   | Pass                |                |            |

| Heavy Metals       | Results             | Limits              | Methods  |
|--------------------|---------------------|---------------------|----------|
| As, Cd, Pb, Hg, Cr | Below Action Limits | Below Action Limits | ICP - MS |
| Pass/Fail          | Pass                |                     |          |

| Residual Solvents | Results             | Limits                                | Methods |
|-------------------|---------------------|---------------------------------------|---------|
| Solvent Panel     | Below Action Limits | 1000 ppm individual<br>5000 ppm total | GC - MS |
| Pass/Fail         | Pass                |                                       |         |

| Ingredient Testing          | Results      | Limits | Methods |
|-----------------------------|--------------|--------|---------|
| Restricted Ingredient Panel | Not Detected | Absent | FTIR    |
| Pass/Fail                   | Pass         |        |         |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/24/2024

|                           |                                                                                                                                     |                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DATE</b><br>12/30/2024 | <b>Reviewed by</b><br><br>Garrett Johnson, QA/QC | <b>Released by</b><br><br>Zackary Cannone, Laboratory Director |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025: 2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system  
(refer to joint ISOILAC-IAF Communiqué dated April 2017).  
Not all results and/or analytes reported are obtained for ISO accredited testing methods.  
Please refer to our ISO certificate for a full list of testing under our scope of accreditation.



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

State of CT: ACTL.0000004

