

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

Date Received: 04/09/2024  
Report Date: 04/18/2024  
NELabs Report ID: 2493127-07

## Product ID: ISC-24-F5H1B1

Biotrack ID: 4846 0528 6892 9289

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | <100          | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | 600           | 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 | FDA BAM      |
| Pass/Fail: <b>PASS</b>                                 |               |              |              |

| Cannabinoids by HPLC                       | Results (% w/w) |
|--------------------------------------------|-----------------|
| CBDV                                       | ----            |
| CBDA                                       | <LOQ            |
| CBGA                                       | 0.45            |
| CBG                                        | <LOQ            |
| CBD                                        | ----            |
| THCV                                       | ----            |
| CBN                                        | ----            |
| $\Delta^9$ THC                             | 1.13            |
| $\Delta^8$ THC                             | ----            |
| CBL                                        | ----            |
| THCA                                       | 25.24           |
| CBC                                        | ----            |
| Total Cannabinoids: <b>26.82 %</b>         |                 |
| Total THC (0.877*THCA+THC): <b>23.27 %</b> |                 |

<sup>a</sup>: percentages calculated on dry weight basis

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.04            |
| $\beta$ -Myrcene              | 1.23            |
| $\beta$ -Pinene               | 0.05            |
| Limonene                      | 0.31            |
| $\alpha$ -Terpinolene         | 0.01            |
| Linalool                      | 0.15            |
| $\beta$ -Caryophyllene        | 0.17            |
| $\alpha$ -Humulene            | 0.05            |
| Caryophyllene Oxide           | ----            |
| $\alpha$ -Bisabolol           | 0.03            |
| Total Terpenes: <b>2.04 %</b> |                 |

<sup>a</sup>: percentages calculated on dry weight basis

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 14.0    |
| Water Activity (Aw)   | 0.57    |



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| <b>Pesticides</b> by LC-MS/MS | <b>Results</b>      | <b>Limits</b>       |
|-------------------------------|---------------------|---------------------|
| Per Sample $\geq 0.5g$        | Below Action Limits | Below Action Levels |
| Pass/Fail: <b>PASS</b>        |                     |                     |

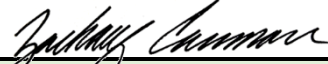
  

| <b>Mycotoxins</b> by LC-MS/MS | <b>Results</b> ( $\mu g/kg$ ) | <b>Limits</b> ( $\mu g/kg$ ) |
|-------------------------------|-------------------------------|------------------------------|
| Aflatoxins (B1, B2, G1, G2)   | <20 each                      | <20 each                     |
| Ochratoxin-A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

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

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 04/09/2024

|              |                                                                                                         |                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Date:</b> | <b>Reviewed by:</b>  | <b>Released by:</b>  |
| 04/18/24     | <b>Garrett Johnson, QA/QC</b>                                                                           | <b>Zachary Cannone, Laboratory Director</b>                                                               |

*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 ISOILAC-IAF Communiqué dated April 2017).*



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258  
State of CT: ACTL.0000004

