

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

Date Received: 09/05/2024  
Report Date: 09/13/2024  
NELabs Report ID: 2494622-03

## Product ID: GCT-24-F11H3

Biotrack ID: 0926 6103 7141 7666

| 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</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: <b>PASS</b>                                 |               |              |              |

| Cannabinoids by HPLC                      | Results (% w/w) |
|-------------------------------------------|-----------------|
| CBDV                                      | ----            |
| CBDA                                      | <LOQ            |
| CBGA                                      | 0.83            |
| CBG                                       | <LOQ            |
| CBD                                       | ----            |
| THCV                                      | ----            |
| CBN                                       | ----            |
| $\Delta^9$ THC                            | 0.94            |
| $\Delta^8$ THC                            | ----            |
| CBL                                       | ----            |
| THCA                                      | 23.97           |
| CBC                                       | ----            |
| Total Cannabinoids: <b>25.74 %</b>        |                 |
| Total THC (0.877*THCA)+THC <b>21.96 %</b> |                 |

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

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.03            |
| $\beta$ -Myrcene              | 0.25            |
| $\beta$ -Pinene               | 0.05            |
| Limonene                      | 0.29            |
| $\alpha$ -Terpinolene         | ----            |
| Linalool                      | 0.02            |
| $\beta$ -Caryophyllene        | 0.59            |
| $\alpha$ -Humulene            | 0.16            |
| Caryophyllene Oxide           | ----            |
| $\alpha$ -Bisabolol           | 0.02            |
| Total Terpenes: <b>1.41 %</b> |                 |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 11.7    |
| Water Activity (Aw)   | 0.52    |



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

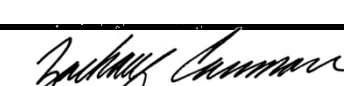
  

| Mycotoxins by LC-MS/MS      | Results ( $\mu g/kg$ ) | Limits ( $\mu g/kg$ ) |
|-----------------------------|------------------------|-----------------------|
| Aflatoxins (B1, B2, G1, G2) | <20 each               | <20 each              |
| Ochratoxin-A                | <20                    | 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

| Heavy Metals by ICP-MS | Results             | Limits              |
|------------------------|---------------------|---------------------|
| 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 09/05/2024.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 09/13/2024 | Caelyn Audrain, QA/QC                                                                            | Zachary Canzone, 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 from 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

