

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

Date Received: 11/16/2023  
Report Date: 11/27/2023  
NELabs Report ID: 2391930-01

**Product ID: FTDC23-003**

| 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                      | <LOQ            |
| CBD                      | 0.43            |
| THCV                     | <LOQ            |
| CBN                      | 0.03            |
| $\Delta^9$ THC           | 0.43            |
| CBL                      | ----            |
| CBC                      | ----            |
| THCA                     | 0.02            |
| Total Cannabinoids       | <b>0.91 %</b>   |
| <b>Total THC: 0.45 %</b> |                 |

| Density     | Results (g/cm <sup>3</sup> ) |
|-------------|------------------------------|
| Sample Mass | 1.09                         |

| 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                               | ----            |
| (-)-Isopulegol                         | ----            |
| Geraniol                               | ----            |
| $\beta$ -Caryophyllene                 | ----            |
| $\alpha$ -Humulene                     | ----            |
| cis-Nerolidol                          | ----            |
| trans-Nerolidol                        | ----            |
| Guaiol                                 | ----            |
| $\alpha$ -Bisabolol                    | ----            |
| <b>Total Terpenes: BELOW DETECTION</b> |                 |



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

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

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

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/16/2023.

|          |                                        |                                      |
|----------|----------------------------------------|--------------------------------------|
| Date:    | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 11/27/23 | 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 ISOILAC-IAF Communiqué dated April 2017).



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



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| Major Cannabinoids       | % w/w | mg per 1 mL serving | mg per 50 mL serving |
|--------------------------|-------|---------------------|----------------------|
| CBD                      | 0.43  | 4.69                | 234.35               |
| CBN                      | 0.03  | 0.33                | 16.35                |
| $\Delta^9$ THC           | 0.43  | 4.69                | 234.35               |
| THCA                     | 0.02  | 0.22                | 10.90                |
| Total Major Cannabinoids | 0.91  |                     |                      |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| BELOW DETECTION         |                 |

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