

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

Date Received: 03/19/2024  
Report Date: 03/27/2024  
NELabs Report ID: 2492935-03

**Product ID: IXPR24-007**

Biotrack ID: 3353287917851234

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | 5,000         | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | 5,200         | 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                                       | 0.38            |
| CBG                                        | 0.65            |
| CBD                                        | ----            |
| THCV                                       | <LOQ            |
| CBN                                        | <LOQ            |
| $\Delta^9$ THC                             | 24.48           |
| $\Delta^8$ THC                             | ----            |
| CBL                                        | ----            |
| THCA                                       | 23.61           |
| CBC                                        | ----            |
| Total Cannabinoids: <b>49.12 %</b>         |                 |
| Total THC (0.877*THCA+THC): <b>45.19 %</b> |                 |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 8.1     |
| Water Activity (Aw)   | 0.37    |

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.08            |
| $\beta$ -Myrcene              | 0.35            |
| $\beta$ -Pinene               | 0.06            |
| Limonene                      | 0.26            |
| $\alpha$ -Terpinolene         | 0.08            |
| Linalool                      | 0.13            |
| $\beta$ -Caryophyllene        | 0.23            |
| $\alpha$ -Humulene            | 0.06            |
| Caryophyllene Oxide           | ----            |
| $\alpha$ -Bisabolol           | 0.06            |
| Total Terpenes: <b>1.31 %</b> |                 |



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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 03/19/2024.

|              |                                                                                                         |                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Date:</b> | <b>Reviewed by:</b>  | <b>Released by:</b>  |
| 03/27/2024   | Garrett Johnson, 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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| Cannabinoids   | % w/w | mg per 0.65 grams | mg per 1 grams |
|----------------|-------|-------------------|----------------|
| CBDV           | ----  | ----              | ----           |
| CBDA           | <LOQ  | <1.0              | <1.0           |
| CBGA           | 0.38  | 2.47              | 3.80           |
| CBG            | 0.65  | 4.23              | 6.50           |
| CBD            | ----  | ----              | ----           |
| THCV           | <LOQ  | <1.0              | <1.0           |
| CBN            | <LOQ  | <1.0              | <1.0           |
| $\Delta^9$ THC | 24.48 | 159.12            | 244.80         |
| $\Delta^8$ THC | ----  | ----              | ----           |
| CBL            | ----  | ----              | ----           |
| THCA           | 23.61 | 153.47            | 236.10         |
| CBC            | ----  | ----              | ----           |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| $\beta$ -Myrcene        | 0.35            |
| Limonene                | 0.26            |
| $\beta$ -Caryophyllene  | 0.23            |
| Linalool                | 0.13            |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/19/2024.



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