

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

Date Received: 04/04/2024  
Report Date: 04/16/2024  
NELabs Report ID: 2493089-12

## Product ID: HROC24-005

Biotrack ID 6897624331940348

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | 400           | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | 3,500         | 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                                                         | 0.41            |
| CBG                                                          | 0.74            |
| CBD                                                          | <LOQ            |
| THCV                                                         | <LOQ            |
| CBN                                                          | <LOQ            |
| $\Delta^9$ THC                                               | 24.06           |
| $\Delta^8$ THC                                               | ----            |
| CBL                                                          | ----            |
| THCA                                                         | 21.39           |
| CBC                                                          | 0.82            |
| Total Cannabinoids: <b>47.42 %</b>                           |                 |
| Total THC ( $0.877 \times \text{THCA}$ )+THC: <b>42.82 %</b> |                 |

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

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.03            |
| $\beta$ -Myrcene              | 0.13            |
| $\beta$ -Pinene               | 0.03            |
| Limonene                      | 0.23            |
| $\alpha$ -Terpinolene         | 0.03            |
| Linalool                      | 0.07            |
| $\beta$ -Caryophyllene        | 0.17            |
| $\alpha$ -Humulene            | 0.04            |
| Caryophyllene Oxide           | ----            |
| $\alpha$ -Bisabolol           | 0.01            |
| Total Terpenes: <b>0.74 %</b> |                 |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 7.70    |
| Water Activity (Aw)   | 0.42    |



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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> |                     |                     |

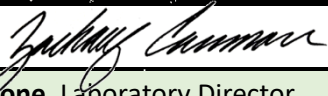
  

| Mycotoxins by LC-MS/MS      | Results ( $\mu g/kg$ ) | Limits ( $\mu g/kg$ ) |
|-----------------------------|------------------------|-----------------------|
| Aflatoxins (B1, B2, G1, G2) | <20 each               | <20 each              |
| Ochratoxin-A                | <20                    | <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 04/04/2024.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 04/16/2024 | Garrett Johnson, QA/QC                                                                           | Zachary Canzone, 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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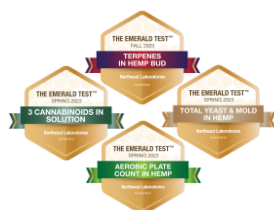
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| Cannabinoids   | % w/w | mg per 1.0 gram | mg per 1.5 grams | mg per 2.0 grams |
|----------------|-------|-----------------|------------------|------------------|
| CBDV           | ----  | ----            | ----             | ----             |
| CBDA           | <LOQ  | <1.0            | <1.0             | <1.0             |
| CBGA           | 0.41  | 4.10            | 6.15             | 8.20             |
| CBG            | 0.74  | 7.40            | 11.10            | 14.80            |
| CBD            | <LOQ  | <1.0            | <1.0             | <1.0             |
| THCV           | <LOQ  | <1.0            | <1.0             | <1.0             |
| CBN            | <LOQ  | <1.0            | <1.0             | <1.0             |
| $\Delta^9$ THC | 24.06 | 240.60          | 360.90           | 481.20           |
| $\Delta^8$ THC | ----  | ----            | ----             | ----             |
| CBL            | ----  | ----            | ----             | ----             |
| THCA           | 21.39 | 213.90          | 320.85           | 427.80           |
| CBC            | 0.82  | 8.20            | 12.30            | 16.40            |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| Limonene                | 0.23            |
| $\beta$ -Caryophyllene  | 0.17            |
| $\beta$ -Myrcene        | 0.13            |
| Linalool                | 0.07            |

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



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