

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

Date Received: 04/23/2024  
Report Date: 04/30/2024  
NELabs Report ID: 2493239-04

**Product ID: SXPR24-012**

Biotrack ID: 2554 7208 9258 6812

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | 500           | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | 34,000        | 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>                                 |               |              |              |

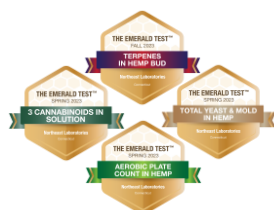
| Cannabinoids by HPLC                       | Results (% w/w) |
|--------------------------------------------|-----------------|
| CBDV                                       | ----            |
| CBDA                                       | <LOQ            |
| CBGA                                       | 0.69            |
| CBG                                        | 0.57            |
| CBD                                        | <LOQ            |
| THCV                                       | <LOQ            |
| CBN                                        | <LOQ            |
| $\Delta^9$ THC                             | 21.98           |
| $\Delta^8$ THC                             | ----            |
| CBL                                        | ----            |
| THCA                                       | 20.67           |
| CBC                                        | ----            |
| Total Cannabinoids: <b>43.91 %</b>         |                 |
| Total THC (0.877*THCA+THC): <b>40.11 %</b> |                 |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 7.8     |
| Water Activity (Aw)   | 0.29    |

| Terpenes by GC-MS            | Results (% w/w) |
|------------------------------|-----------------|
| $\alpha$ -Pinene             | 0.24            |
| $\beta$ -Myrcene             | 0.05            |
| $\beta$ -Pinene              | 0.08            |
| Limonene                     | 0.23            |
| $\alpha$ -Terpinolene        | ----            |
| Linalool                     | 0.10            |
| $\beta$ -Caryophyllene       | 0.16            |
| $\alpha$ -Humulene           | 0.07            |
| Caryophyllene Oxide          | ----            |
| $\alpha$ -Bisabolol          | 0.03            |
| Total Terpenes: <b>0.96%</b> |                 |

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



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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>        |                     |                     |

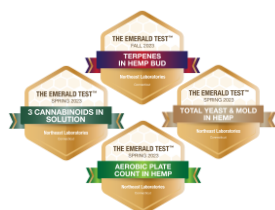
  

| <b>Mycotoxins</b> by LC-MS/MS | <b>Results (<math>\mu g/kg</math>)</b> | <b>Limits (<math>\mu g/kg</math>)</b> |
|-------------------------------|----------------------------------------|---------------------------------------|
| Aflatoxins (B1, B2, G1, G2)   | <20 each                               | <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 04/23/2024



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



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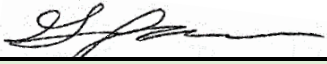
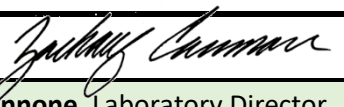
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| Cannabinoids   | % w/w | mg per 0.65 grams | mg per 1 grams |
|----------------|-------|-------------------|----------------|
| CBDV           | ----  | ----              | ----           |
| CBDA           | <LOQ  | <1.0              | <1.0           |
| CBGA           | 0.69  | 4.49              | 6.90           |
| CBG            | 0.57  | 3.71              | 5.70           |
| CBD            | <LOQ  | <1.0              | <1.0           |
| THCV           | <LOQ  | <1.0              | <1.0           |
| CBN            | <LOQ  | <1.0              | <1.0           |
| $\Delta^9$ THC | 21.98 | 142.87            | 219.80         |
| $\Delta^8$ THC | ----  | ----              | ----           |
| CBL            | ----  | ----              | ----           |
| THCA           | 20.67 | 134.36            | 206.70         |
| CBC            | ----  | ----              | ----           |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| $\beta$ -Caryophyllene  | 0.16            |
| Limonene                | 0.23            |
| $\alpha$ -Pinene        | 0.24            |
| Linalool                | 0.10            |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 04/23/2024.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 04/30/2024 | 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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