

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

Date Received: 09/12/2024  
Report Date: 09/20/2024  
NELabs Report ID: 2494692-07

## Product ID: SPEN24-034T

Biotrack ID: 1612 3450 5766 9481

| 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                                       | ----            |
| CBGA                                       | ----            |
| CBG                                        | 2.33            |
| CBD                                        | <LOQ            |
| THCV                                       | 0.86            |
| CBN                                        | 1.92            |
| $\Delta^9$ THC                             | 86.26           |
| $\Delta^8$ THC                             | ----            |
| CBL                                        | ----            |
| THCA                                       | 1.88            |
| CBC                                        | ----            |
| Total Cannabinoids: <b>93.25 %</b>         |                 |
| Total THC (0.877*THCA)+THC: <b>87.91 %</b> |                 |

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | ----            |
| $\beta$ -Myrcene              | 0.22            |
| $\beta$ -Pinene               | 0.04            |
| Limonene                      | 0.31            |
| $\alpha$ -Terpinolene         | ----            |
| Linalool                      | 0.25            |
| $\beta$ -Caryophyllene        | 0.26            |
| $\alpha$ -Humulene            | 0.09            |
| Caryophyllene Oxide           | ----            |
| $\alpha$ -Bisabolol           | ----            |
| Total Terpenes: <b>1.17 %</b> |                 |

| Density                      | Results (g/cm <sup>3</sup> ) |
|------------------------------|------------------------------|
| Sample Mass                  | 1.00                         |
| Residual Solvent<br>by GC-MS | Results (% w/w)              |
| Ethanol                      | <LOQ                         |



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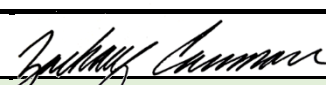
| Pesticides by LC-MS/MS | Results             | Limits              |
|------------------------|---------------------|---------------------|
| Per Sample $\geq 0.5g$ | Below Action Limits | Below Action Levels |
| Pass/Fail: <b>PASS</b> |                     |                     |

| 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> |                     |                     |

| Ingredient Testing by FTIR | Results ( $\mu g/kg$ ) | Limits ( $\mu g/kg$ ) |
|----------------------------|------------------------|-----------------------|
| Vitamin E Acetate          | Not Detected           | Absent                |
| Medium Chain Triglycerides | Not Detected           | Absent                |
| Squalene                   | Not Detected           | Absent                |
| Squalane                   | Not Detected           | Absent                |
| Polyethylene Glycol        | Not Detected           | Absent                |
| Pass/Fail: <b>PASS</b>     |                        |                       |

NOTE: Results are for sample (s) submitted to Northeast Laboratories Inc. on 09/10/2024.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 09/20/2024 | Caelyn Audrain, QA/QC                                                                            | Zachary Cannone, 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



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| Cannabinoids   | % w/w | mg/350 mg | mg/500 mg | mg/800 mg | mg/1,000 mg |
|----------------|-------|-----------|-----------|-----------|-------------|
| CBDV           | ----  | ----      | ----      | ----      | ----        |
| CBDA           | ----  | ----      | ----      | ----      | ----        |
| CBGA           | ----  | ----      | ----      | ----      | ----        |
| CBG            | 2.33  | 8.16      | 11.65     | 18.64     | 23.30       |
| CBD            | <LOQ  | <1.0      | <1.0      | <1.0      | <1.0        |
| THCV           | 0.86  | 3.01      | 4.30      | 6.88      | 8.60        |
| CBN            | 1.92  | 6.72      | 9.60      | 15.36     | 19.20       |
| $\Delta^9$ THC | 86.26 | 301.91    | 431.30    | 690.08    | 862.60      |
| $\Delta^8$ THC | ----  | ----      | ----      | ----      | ----        |
| CBL            | ----  | ----      | ----      | ----      | ----        |
| THCA           | 1.88  | 6.58      | 9.40      | 15.04     | 18.80       |
| CBC            | ----  | ----      | ----      | ----      | ----        |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| Limonene                | 0.31            |
| $\beta$ -Caryophyllene  | 0.26            |
| $\beta$ -Myrcene        | 0.22            |
| Linalool                | 0.25            |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/10/2024.



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