

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

Date Received: 07/25/2023  
Report Date: 08/10/2023  
NELabs Report ID: 2390847-01

## Product ID: SPEN23-013

| 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                       | 0.81            |
| CBD                       | 0.10            |
| THCV                      | 0.42            |
| CBN                       | 0.73            |
| $\Delta^9$ THC            | 83.15           |
| CBL                       | ----            |
| CBC                       | ----            |
| THCA                      | ----            |
| Total Cannabinoids        | <b>85.21 %</b>  |
| <b>Total THC: 83.15 %</b> |                 |

| Density     | Results (g/cm <sup>3</sup> ) |
|-------------|------------------------------|
| Sample Mass | 1.00                         |

| Residual Solvent<br>by GC-MS | Results (% w/w) |
|------------------------------|-----------------|
| Ethanol                      | <LOQ            |

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.13            |
| Camphene                      | ----            |
| $\beta$ -Myrcene              | 1.03            |
| $\beta$ -Pinene               | 0.09            |
| 3-Carene                      | 0.01            |
| $\alpha$ -Terpinene           | 0.01            |
| Limonene                      | 0.10            |
| Ocimene                       | 0.47            |
| p-Cymene                      | ----            |
| $\gamma$ -Terpinene           | 0.02            |
| Terpinolene                   | 0.43            |
| Linalool                      | 0.03            |
| (-)-Isopulegol                | 0.07            |
| Geraniol                      | ----            |
| $\beta$ -Caryophyllene        | 0.71            |
| $\alpha$ -Humulene            | 0.20            |
| cis-Nerolidol                 | 0.07            |
| trans-Nerolidol               | ----            |
| Guaiol                        | 0.02            |
| $\alpha$ -Bisabolol           | ----            |
| <b>Total Terpenes: 3.40 %</b> |                 |



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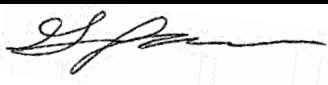
| Pesticides by LC-MS/MS | Results      | Limits              |
|------------------------|--------------|---------------------|
| Per Sample $\geq$ 0.5g | Not Detected | Below Action Levels |
| Pass/Fail: <b>PASS</b> |              |                     |

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

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

| Ingredient Testing by FTIR | Results ( $\mu\text{g/kg}$ ) | Limits ( $\mu\text{g/kg}$ ) |
|----------------------------|------------------------------|-----------------------------|
| 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 7/25/2023.  
CoA issued 08/09/2023; re-issued 08/10/2023 to update dosing information at the request of the client.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 08/10/2023 | 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 ISO/ILAC-IAF Communiqué dated April 2017).



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| Cannabinoids   | % w/w | mg/1 mL serving | mg/0.1 mL serving | mg/250 mg | mg/300 mg | mg/500 mg | mg/1,000 mg |
|----------------|-------|-----------------|-------------------|-----------|-----------|-----------|-------------|
| CBDV           | ----  | ----            | ----              | ----      | ----      | ----      | ----        |
| CBDA           | ----  | ----            | ----              | ----      | ----      | ----      | ----        |
| CBGA           | ----  | ----            | ----              | ----      | ----      | ----      | ----        |
| CBG            | 0.81  | 8.10            | 0.81              | 2.03      | 2.43      | 4.05      | 8.10        |
| CBD            | 0.10  | 1.00            | 0.10              | 0.25      | 0.30      | 0.50      | 1.00        |
| THCV           | 0.42  | 4.20            | 0.42              | 1.05      | 1.26      | 2.10      | 4.20        |
| CBN            | 0.73  | 7.30            | 0.73              | 1.83      | 2.19      | 3.65      | 7.30        |
| $\Delta^9$ THC | 83.15 | 831.50          | 83.15             | 207.88    | 249.45    | 415.75    | 831.50      |
| CBL            | ----  | ----            | ----              | ----      | ----      | ----      | ----        |
| CBC            | ----  | ----            | ----              | ----      | ----      | ----      | ----        |
| THCA           | ----  | ----            | ----              | ----      | ----      | ----      | ----        |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| $\beta$ -Myrcene        | 1.03            |
| Ocimene                 | 0.47            |
| Terpinolene             | 0.43            |
| $\beta$ -Caryophyllene  | 0.71            |

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