

Theraplant LLC  
856 Echo Lake Rd.  
Watertown, CT 06795

Date Received: 9/29/2025  
Report Date: 10/2/2025  
NELabs Report ID: 2599084-01

### Super Buff 41291

Biotrack ID: Super Buff 41291

6413 0958 0002 0078

| Microbiology                                           | Results      | Limits       | Methods         |
|--------------------------------------------------------|--------------|--------------|-----------------|
| Total Aerobic Microbial Count (cfu/g)                  | 5,000        | 100,000      | AOAC 990.12     |
| Total Yeast & Mold Count (cfu/g)                       | 9,300        | 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 | AOAC PTM#071903 |
| Pass/Fail                                              | Pass         |              |                 |

By HPLC

By GC - MS

| Cannabinoids                                          | Results (% w/w)* | Dosing (mg/package) |
|-------------------------------------------------------|------------------|---------------------|
| CBDV                                                  | -                | -                   |
| CBDA                                                  | <LOQ             | <LOQ                |
| CBGA                                                  | 0.91             | 28.0                |
| CBG                                                   | 0.27             | 8.3                 |
| CBD                                                   | -                | -                   |
| THCV                                                  | -                | -                   |
| CBN                                                   | -                | -                   |
| $\Delta^9$ THC                                        | 0.22             | 6.8                 |
| $\Delta^8$ THC                                        | -                | -                   |
| CBL                                                   | -                | -                   |
| THCA                                                  | 22.40            | 689.9               |
| CBC                                                   | -                | -                   |
| Total Cannabinoids                                    | <b>23.80</b>     | <b>733.0</b>        |
| Total THC % $(0.877 \times \text{THCA}) + \text{THC}$ | <b>19.86</b>     |                     |

| Terpenes              | Results (% w/w)* |
|-----------------------|------------------|
| $\alpha$ -Pinene      | 0.02             |
| Camphene              | 0.01             |
| $\beta$ -Myrcene      | 0.21             |
| $\beta$ -Pinene       | 0.04             |
| $\delta$ -3-Carene    | -                |
| Limonene              | 0.33             |
| p-Cymene              | -                |
| $\alpha$ -Terpinolene | -                |
| Linalool              | 0.07             |
| Caryophyllene         | 0.32             |
| $\alpha$ -Humulene    | 0.09             |
| $\alpha$ -Bisabolol   | -                |
| Terpinene (total)     | -                |
| Ocimene (total)       | -                |
| Nerolidol (total)     | -                |
| Total Terpenes        | <b>1.09</b>      |

\* % by dry weight

### Moisture

### Results

|                       |      |
|-----------------------|------|
| Water Content (% w/w) | 12.0 |
| Water Activity (Aw)   | 0.65 |



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258

State of CT: ACTL.0000004



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| Pesticides         | Results             | Limits              | Methods         |
|--------------------|---------------------|---------------------|-----------------|
| Per Sample ≥ 0.5 g | Below Action Limits | Below Action Limits | LC & GC - MS/MS |
| Pass/Fail          | Pass                |                     |                 |

| Mycotoxins                  | Results (µg/kg)     | Limits (µg/kg) | Methods    |
|-----------------------------|---------------------|----------------|------------|
| Aflatoxins (B1, B2, G1, G2) | Below Action Limits | < 20 each      | LC - MS/MS |
| Ochratoxin-A                | Below Action Limits | < 20           |            |
| Pass/Fail                   | Pass                |                |            |

| Heavy Metals       | Results             | Limits              | Methods  |
|--------------------|---------------------|---------------------|----------|
| As, Cd, Pb, Hg, Cr | Below Action Limits | Below Action Limits | ICP - MS |
| Pass/Fail          | Pass                |                     |          |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 9/29/2025

|             |                        |                                      |
|-------------|------------------------|--------------------------------------|
| <b>DATE</b> | <b>Reviewed by</b>     | <b>Released by</b>                   |
| 10/2/2025   | <i>Selena Anderson</i> | <i>Zachary Cannone</i>               |
|             | Selena Anderson, 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 for 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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