

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

**Date Received:** 09/24/2024  
**Report Date:** 09/30/2024  
**NELabs Report ID:** 2494830-04

## Product ID: BlackCHGMO-BH-Infused-4393

Biotrack ID: (5944 4333 6631 8798)

| Microbiology                                           | Results (cfu) | Limits (cfu) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | 18,000        | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | 1,700         | 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<br>by HPLC                   | Results<br>(% w/w) |
|-------------------------------------------|--------------------|
| CBDV                                      | ----               |
| CBDA                                      | <LOQ               |
| CBGA                                      | 0.82               |
| CBG                                       | <LOQ               |
| CBD                                       | ----               |
| THCV                                      | ----               |
| CBN                                       | ----               |
| $\Delta^9$ THC                            | 0.90               |
| $\Delta^8$ THC                            | ----               |
| CBL                                       | ----               |
| THCA                                      | 43.43              |
| CBC                                       | ----               |
| Total Cannabinoids: <b>45.15%</b>         |                    |
| Total THC (0.877*THCA)+THC: <b>38.99%</b> |                    |

<sup>a</sup>: percentages reported by dry weight

| Terpenes by<br>GC-MS         | Results<br>(% w/w) |
|------------------------------|--------------------|
| $\alpha$ -Pinene             | 0.03               |
| $\beta$ -Myrcene             | 0.09               |
| $\beta$ -Pinene              | 0.03               |
| Limonene                     | 0.24               |
| $\alpha$ -Terpinolene        | 0.01               |
| Linalool                     | 0.15               |
| $\beta$ -Caryophyllene       | 0.34               |
| $\alpha$ -Humulene           | 0.14               |
| Caryophyllene Oxide          | ----               |
| $\alpha$ -Bisabolol          | 0.05               |
| Total Terpenes: <b>1.08%</b> |                    |

<sup>a</sup>: percentages reported by dry weight

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 11.5    |
| Water Activity (Aw)   | 0.54    |



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| Pesticides by LC & GC - 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) | Below Action Limits    | <20 each              |
| Ochratoxin-A                | Below Action Limits    | <20                   |
| Pass/Fail: <b>PASS</b>      |                        |                       |

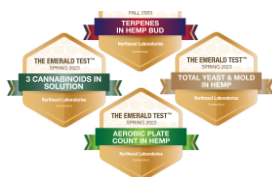
| Heavy Metals by ICP-MS | Results             | Limits              |
|------------------------|---------------------|---------------------|
| As, Cd, Pb, Hg, Cr     | Below Action Limits | Below Action Levels |
| Pass/Fail: <b>PASS</b> |                     |                     |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/24/2024

|              |                                                                                                         |                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Date:</b> | <b>Reviewed by:</b>  | <b>Released by:</b>  |
| 10/01/2024   | 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 ISO/ILAC-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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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258  
State of CT: ACTL.0000004

