

**Nutmeg New Britain**

1 Hartford Square

New Britain, CT 06052

Date Received: 08/02/2024

Report Date: 08/09/2024

NELabs Report ID: 2494275-06

**Product ID: BCA1MS**

Biotrack ID: 3945 4167 0659 2151

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | <100          | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | 550           | 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>                                 |               |              |              |

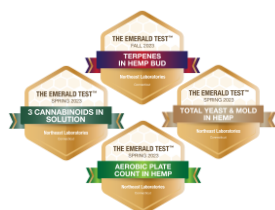
| Cannabinoids by HPLC                       | Results (% w/w) |
|--------------------------------------------|-----------------|
| CBDV                                       | ----            |
| CBDA                                       | <LOQ            |
| CBGA                                       | 1.01            |
| CBG                                        | <LOQ            |
| CBD                                        | ----            |
| THCV                                       | ----            |
| CBN                                        | ----            |
| $\Delta^9$ THC                             | 0.79            |
| $\Delta^8$ THC                             | ----            |
| CBL                                        | ----            |
| THCA                                       | 28.08           |
| CBC                                        | ----            |
| Total Cannabinoids: <b>29.88 %</b>         |                 |
| Total THC (0.877*THCA)+THC: <b>25.42 %</b> |                 |

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

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.09            |
| $\beta$ -Myrcene              | 0.04            |
| $\beta$ -Pinene               | 0.11            |
| Limonene                      | 0.70            |
| $\alpha$ -Terpinolene         | 0.01            |
| Linalool                      | 0.12            |
| $\beta$ -Caryophyllene        | 0.16            |
| $\alpha$ -Humulene            | 0.03            |
| Caryophyllene Oxide           | ----            |
| $\alpha$ -Bisabolol           | 0.02            |
| Total Terpenes: <b>1.28 %</b> |                 |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 11.1    |
| Water Activity (Aw)   | 0.54    |



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

State of CT: ACTL.0000004



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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>        |                     |                     |

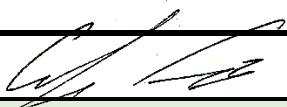
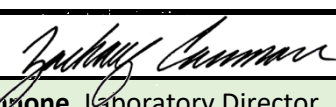
  

| <b>Mycotoxins</b> by LC-MS/MS | <b>Results</b> ( $\mu g/kg$ ) | <b>Limits</b> ( $\mu g/kg$ ) |
|-------------------------------|-------------------------------|------------------------------|
| Aflatoxins (B1, B2, G1, G2)   | <20 each                      | <20 each                     |
| Ochratoxin-A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

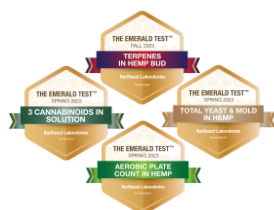
| <b>Heavy Metals</b> by ICP-MS | <b>Results</b>      | <b>Limits</b>       |
|-------------------------------|---------------------|---------------------|
| As, Cd, Pb, Hg                | Below Action Limits | Below Action Levels |
| Pass/Fail: <b>PASS</b>        |                     |           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

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 08/02/2024

|              |                                                                                                         |                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Date:</b> | <b>Reviewed by:</b>  | <b>Released by:</b>  |
| 08/09/2024   | 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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