

**Affinity Grow**  
47 Lower Main St.  
Portland, CT 06480

Date Received: 02/21/2024  
Report Date: 03/01/2024  
NELabs Report ID: 2492712-06

## Product ID: 4BII31-A

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | <100          | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | 1,200         | 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 <sup>a</sup> ) |
|---------------------------|-------------------------------|
| CBDV                      | ----                          |
| CBDA                      | 0.34                          |
| CBGA                      | 0.85                          |
| CBG                       | <LOQ                          |
| CBD                       | ----                          |
| THCV                      | ----                          |
| CBN                       | ----                          |
| $\Delta^9$ THC            | 0.45                          |
| CBL                       | ----                          |
| CBC                       | ----                          |
| THCA                      | 24.18                         |
| Total Cannabinoids        | 25.82 %                       |
| Total THC: <b>21.66 %</b> |                               |

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

| Terpenes by GC-MS             | Results (% w/w <sup>a</sup> ) |
|-------------------------------|-------------------------------|
| $\alpha$ -Pinene              | 0.06                          |
| $\beta$ -Myrcene              | 0.03                          |
| $\beta$ -Pinene               | 0.08                          |
| $\delta$ -Limonene            | 0.57                          |
| $\alpha$ -Terpinolene         | 0.02                          |
| Linalool                      | 0.24                          |
| $\beta$ -Caryophyllene        | 0.27                          |
| $\alpha$ -Humulene            | 0.09                          |
| Carophyllene Oxide            | ----                          |
| $\alpha$ -Bisabolol           | ----                          |
| Total Terpenes: <b>1.36 %</b> |                               |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 17.3    |
| Water Activity (Aw)   | 0.63    |



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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>      |                              |                             |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 02/21/2024.

|          |                                        |                                      |
|----------|----------------------------------------|--------------------------------------|
| Date:    | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 03/01/24 | Michelle Szylobryt, 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 ISOILAC-IAF Communiqué dated April 2017).

