

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 12/29/2022

Report Date: 01/06/2023

NELabs Report ID: 2289182-12

## Product ID: BO-F6H30-221209

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | 150           | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | <100          | 10,000       | 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> ) |
|------------------------------------|-------------------------------|
| THCA                               | 29.57                         |
| THC                                | 0.56                          |
| CBDA                               | 0.18                          |
| CBD                                | ----                          |
| THCV                               | ----                          |
| CBGA                               | 0.93                          |
| CBG                                | 0.22                          |
| CBN                                | ----                          |
| CBC                                | ----                          |
| Total Cannabinoids: <b>31.46 %</b> |                               |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 12.0    |
| Water Activity (Aw)   | 0.46    |

| Terpenes by GC-MS             | Results (% w/w <sup>a</sup> ) |
|-------------------------------|-------------------------------|
| α-Pinene                      | 0.05                          |
| Camphene                      | 0.01                          |
| β-Myrcene                     | 0.32                          |
| β-Pinene                      | 0.09                          |
| 3-Carene                      | ----                          |
| α-Terpinene                   | ----                          |
| Limonene                      | 0.39                          |
| Ocimene                       | ----                          |
| p-Cymene                      | ----                          |
| γ-Terpinene                   | ----                          |
| Terpinolene                   | 0.01                          |
| Linalool                      | 0.25                          |
| (-)-Isopulegol                | ----                          |
| Geraniol                      | ----                          |
| β-Caryophyllene               | 0.21                          |
| α-Humulene                    | 0.07                          |
| cis-Nerolidol                 | 0.01                          |
| trans-Nerolidol               | 0.06                          |
| Guaiol                        | ----                          |
| α-Bisabolol                   | 0.01                          |
| Total Terpenes: <b>1.48 %</b> |                               |

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



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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 12/29/2022.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 01/06/2023 | 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).



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| <b><i>Cannabinoids</i></b> | <b>% w/w</b> | <b>mg per 3.5 g</b> | <b>mg per 7 g</b> | <b>mg per 14 g</b> | <b>mg per 28 g</b> |
|----------------------------|--------------|---------------------|-------------------|--------------------|--------------------|
| THCA                       | 29.57        | 1,034.95            | 2,069.90          | 4,139.80           | 8,279.60           |
| THC                        | 0.56         | 19.60               | 39.20             | 78.40              | 156.80             |
| CBDA                       | 0.18         | 6.30                | 12.60             | 25.20              | 50.40              |
| CBD                        | ----         | ----                | ----              | ----               | ----               |
| THCV                       | ----         | ----                | ----              | ----               | ----               |
| CBGA                       | 0.93         | 32.55               | 65.10             | 130.20             | 260.40             |
| CBG                        | 0.22         | 7.70                | 15.40             | 30.80              | 61.60              |
| CBN                        | ----         | ----                | ----              | ----               | ----               |
| CBC                        | ----         | ----                | ----              | ----               | ----               |

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