

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 09/26/2023

Report Date: 10/03/2023

NELabs Report ID: 2391421-02

## Product ID: AF-F1H41-230920

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | <100          | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | <100          | 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> ) |
|---------------------------|-------------------------------|
| THCA                      | 38.02                         |
| Δ <sup>9</sup> THC        | 0.48                          |
| CBDA                      | 0.07                          |
| CBD                       | ----                          |
| THCV                      | ----                          |
| CBGA                      | 1.60                          |
| CBG                       | <LOQ                          |
| CBN                       | ----                          |
| CBC                       | ----                          |
| Total Cannabinoids        | <b>40.17 %</b>                |
| <b>Total THC: 33.82 %</b> |                               |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 15.7    |
| Water Activity (Aw)   | 0.55    |

| Terpenes by GC-MS             | Results (% w/w <sup>a</sup> ) |
|-------------------------------|-------------------------------|
| α-Pinene                      | 0.03                          |
| Camphene                      | 0.01                          |
| β-Myrcene                     | 0.37                          |
| β-Pinene                      | 0.07                          |
| 3-Carene                      | ----                          |
| α-Terpinene                   | ----                          |
| Limonene                      | 0.37                          |
| Ocimene                       | 0.01                          |
| p-Cymene                      | ----                          |
| γ-Terpinene                   | ----                          |
| Terpinolene                   | ----                          |
| Linalool                      | 0.33                          |
| (-)-Isopulegol                | 0.01                          |
| Geraniol                      | ----                          |
| β-Caryophyllene               | 0.44                          |
| α-Humulene                    | 0.14                          |
| cis-Nerolidol                 | ----                          |
| trans-Nerolidol               | ----                          |
| Guaiol                        | ----                          |
| α-Bisabolol                   | 0.10                          |
| <b>Total Terpenes: 1.88 %</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 09/26/2023.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 10/03/2023 | 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 ISO/ILAC-IAF Communiqué dated April 2017).



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



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| Cannabinoids   | % w/w | mg per 3.5 g | mg per 7 g | mg per 14 g | mg per 28 g |
|----------------|-------|--------------|------------|-------------|-------------|
| THCA           | 38.02 | 1330.70      | 2661.40    | 5322.80     | 10645.60    |
| $\Delta^9$ THC | 0.48  | 16.80        | 33.60      | 67.20       | 134.40      |
| CBDA           | 0.07  | 2.45         | 4.90       | 9.80        | 19.60       |
| CBD            | ----  | ----         | ----       | ----        | ----        |
| THCV           | ----  | ----         | ----       | ----        | ----        |
| CBGA           | 1.60  | 56.00        | 112.00     | 224.00      | 448.00      |
| CBG            | <LOQ  | <1           | <1         | <1          | <1          |
| CBN            | ----  | ----         | ----       | ----        | ----        |
| CBC            | ----  | ----         | ----       | ----        | ----        |

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