

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 06/08/2023

Report Date: 06/16/2023

NELabs Report ID: 2390422-15

## Product ID: KK-F5H32-230608

| 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                 | 25.93                         |
| Δ <sup>9</sup> THC   | 0.91                          |
| CBDA                 | 0.07                          |
| CBD                  | ----                          |
| THCV                 | ----                          |
| CBGA                 | 0.27                          |
| CBG                  | 0.53                          |
| CBN                  | ----                          |
| CBC                  | ----                          |
| Total Cannabinoids   | 27.71 %                       |
| Total THC: 23.65 %   |                               |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 16.30   |
| Water Activity (Aw)   | 0.58    |

| Terpenes by GC-MS      | Results (% w/w <sup>a</sup> ) |
|------------------------|-------------------------------|
| α-Pinene               | 0.02                          |
| Camphene               | 0.01                          |
| β-Myrcene              | 0.67                          |
| β-Pinene               | 0.04                          |
| 3-Carene               | ----                          |
| α-Terpinene            | ----                          |
| Limonene               | 0.16                          |
| Ocimene                | 0.02                          |
| p-Cymene               | ----                          |
| γ-Terpinene            | ----                          |
| Terpinolene            | 0.01                          |
| Linalool               | 0.20                          |
| (-)-Isopulegol         | ----                          |
| Geraniol               | ----                          |
| β-Caryophyllene        | 0.19                          |
| α-Humulene             | 0.07                          |
| cis-Nerolidol          | ----                          |
| trans-Nerolidol        | ----                          |
| Guaiol                 | ----                          |
| α-Bisabolol            | 0.01                          |
| Total Terpenes: 1.40 % |                               |

<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 06/08/2023.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 06/16/2023 | 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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| Cannabinoids   | % w/w | mg per 3.5 g | mg per 7 g | mg per 14 g | mg per 28 g |
|----------------|-------|--------------|------------|-------------|-------------|
| THCA           | 25.93 | 907.55       | 1,815.10   | 3,630.20    | 7,260.40    |
| $\Delta^9$ THC | 0.91  | 31.85        | 63.70      | 127.40      | 254.80      |
| CBDA           | 0.07  | 2.45         | 4.90       | 9.80        | 19.60       |
| CBD            | ----  | ----         | ----       | ----        | ----        |
| THCV           | ----  | ----         | ----       | ----        | ----        |
| CBGA           | 0.27  | 9.45         | 18.90      | 37.80       | 75.60       |
| CBG            | 0.53  | 18.55        | 37.10      | 74.20       | 148.40      |
| CBN            | ----  | ----         | ----       | ----        | ----        |
| CBC            | ----  | ----         | ----       | ----        | ----        |

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