

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 01/12/2023

Report Date: 01/19/2023

NELabs Report ID: 2389284-03

## Product ID: OGKB-F5H30-221216

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | <100          | 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                 | 26.57                         |
| Δ <sup>9</sup> THC   | 1.31                          |
| CBDA                 | 0.14                          |
| CBD                  | ----                          |
| THCV                 | ----                          |
| CBGA                 | 1.13                          |
| CBG                  | 0.20                          |
| CBN                  | ----                          |
| CBC                  | ----                          |
| Total Cannabinoids   | 29.35 %                       |
| Total THC: 24.61 %   |                               |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 14.00   |
| Water Activity (Aw)   | 0.48    |

| Terpenes by GC-MS      | Results (% w/w <sup>a</sup> ) |
|------------------------|-------------------------------|
| α-Pinene               | 0.06                          |
| Camphene               | 0.01                          |
| β-Myrcene              | 0.16                          |
| β-Pinene               | 0.03                          |
| 3-Carene               | ----                          |
| α-Terpinene            | ----                          |
| Limonene               | 0.52                          |
| Ocimene                | ----                          |
| p-Cymene               | ----                          |
| γ-Terpinene            | ----                          |
| Terpinolene            | 0.01                          |
| Linalool               | 0.17                          |
| (-)-Isopulegol         | ----                          |
| Geraniol               | ----                          |
| β-Caryophyllene        | 0.42                          |
| α-Humulene             | 0.12                          |
| cis-Nerolidol          | 0.08                          |
| trans-Nerolidol        | 0.05                          |
| Guaiol                 | ----                          |
| α-Bisabolol            | ----                          |
| Total Terpenes: 1.63 % |                               |

<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 01/12/2023.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 01/19/2023 | 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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| <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                       | 26.57        | 929.95              | 1,859.90          | 3,719.80           | 7,439.60           |
| $\Delta^9$ THC             | 1.31         | 45.85               | 91.70             | 183.40             | 366.80             |
| CBDA                       | 0.14         | 4.90                | 9.80              | 19.60              | 39.20              |
| CBD                        | ----         | ----                | ----              | ----               | ----               |
| THCV                       | ----         | ----                | ----              | ----               | ----               |
| CBGA                       | 1.13         | 39.55               | 79.10             | 158.20             | 316.40             |
| CBG                        | 0.20         | 7.00                | 14.00             | 28.00              | 56.00              |
| CBN                        | ----         | ----                | ----              | ----               | ----               |
| CBC                        | ----         | ----                | ----              | ----               | ----               |

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