

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 01/02/2024

Report Date: 01/09/2024

NELabs Report ID: 2492291-04

## Product ID: KK-231215-O-1103

| 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) |
|---------------------------|-----------------|
| THCA                      | ----            |
| $\Delta^9$ THC            | 84.46           |
| CBDA                      | 0.60            |
| CBD                       | <LOQ            |
| THCV                      | <LOQ            |
| CBGA                      | <LOQ            |
| CBG                       | 0.95            |
| CBN                       | 0.90            |
| CBC                       | 1.82            |
| Total Cannabinoids        | 88.73 %         |
| Total THC: <b>84.46 %</b> |                 |

| Residual Solvent<br>by GC-MS | Results (% w/w) |
|------------------------------|-----------------|
| Ethanol                      | <LOQ            |

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.02            |
| Camphene                      | 0.01            |
| $\beta$ -Myrcene              | 1.56            |
| $\beta$ -Pinene               | 0.06            |
| 3-Carene                      | ----            |
| $\alpha$ -Terpinene           | ----            |
| Limonene                      | 0.57            |
| Ocimene                       | ----            |
| p-Cymene                      | ----            |
| $\gamma$ -Terpinene           | ----            |
| Terpinolene                   | 0.03            |
| Linalool                      | 1.38            |
| (-)-Isopulegol                | ----            |
| Geraniol                      | ----            |
| $\beta$ -Caryophyllene        | 0.96            |
| $\alpha$ -Humulene            | 0.29            |
| cis-Nerolidol                 | ----            |
| trans-Nerolidol               | ----            |
| Guaiol                        | ----            |
| $\alpha$ -Bisabolol           | ----            |
| Total Terpenes: <b>4.88 %</b> |                 |



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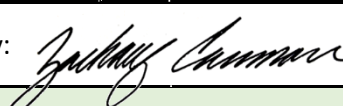
| Pesticides by LC-MS/MS | Results      | Limits              |
|------------------------|--------------|---------------------|
| Per Sample $\geq$ 0.5g | Not Detected | Below Action Levels |
| Pass/Fail: <b>PASS</b> |              |                     |

| 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>      |                              |                             |

| Ingredient Testing by FTIR | Results ( $\mu\text{g/kg}$ ) | Limits ( $\mu\text{g/kg}$ ) |
|----------------------------|------------------------------|-----------------------------|
| Vitamin E Acetate          | Not Detected                 | Absent                      |
| Medium Chain Triglycerides | Not Detected                 | Absent                      |
| Squalene                   | Not Detected                 | Absent                      |
| Squalane                   | Not Detected                 | Absent                      |
| Polyethylene Glycol        | Not Detected                 | Absent                      |
| Pass/Fail: <b>PASS</b>     |                              |                             |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 01/02/2024.

|          |                                                                                                  |                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:    | Reviewed by:  | Released by:  |
| 01/09/24 | Garrett Johnson, 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 300 mg | mg per 500 mg | mg per 1000 mg | mg per 1040 mg |
|----------------|-------|---------------|---------------|----------------|----------------|
| THCA           | ----  | ----          | ----          | ----           | ----           |
| $\Delta^9$ THC | 84.46 | 253.38        | 422.30        | 844.60         | 878.38         |
| CBDA           | 0.60  | 1.80          | 3.00          | 6.00           | 6.24           |
| CBD            | <LOQ  | <1.0          | <1.0          | <1.0           | <1.0           |
| THCV           | <LOQ  | <1.0          | <1.0          | <1.0           | <1.0           |
| CBGA           | <LOQ  | <1.0          | <1.0          | <1.0           | <1.0           |
| CBG            | 0.95  | 2.85          | 4.75          | 9.50           | 9.88           |
| CBN            | 0.90  | 2.70          | 4.50          | 9.00           | 9.36           |
| CBC            | 1.82  | 5.46          | 9.10          | 18.20          | 18.93          |

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