

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 06/19/2023

Report Date: 06/28/2023

NELabs Report ID: 2390509-02

## Product ID: D-230117-LR

| 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            | 87.23           |
| CBDA                      | ----            |
| CBD                       | 0.89            |
| THCV                      | 0.93            |
| CBGA                      | ----            |
| CBG                       | 1.49            |
| CBN                       | 1.04            |
| CBC                       | ----            |
| Total Cannabinoids        | 91.58 %         |
| Total THC: <b>87.23 %</b> |                 |

| Residual Solvent<br>by GC-MS | Results (% w/w) |
|------------------------------|-----------------|
| Ethanol                      | <0.10           |

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.02            |
| Camphene                      | 0.01            |
| $\beta$ -Myrcene              | 0.28            |
| $\beta$ -Pinene               | 0.06            |
| 3-Carene                      | ----            |
| $\alpha$ -Terpinene           | ----            |
| Limonene                      | 0.46            |
| Ocimene                       | 0.01            |
| p-Cymene                      | ----            |
| $\gamma$ -Terpinene           | ----            |
| Terpinolene                   | 0.03            |
| Linalool                      | 0.51            |
| (-)-Isopulegol                | ----            |
| Geraniol                      | ----            |
| $\beta$ -Caryophyllene        | 0.67            |
| $\alpha$ -Humulene            | 0.20            |
| cis-Nerolidol                 | 0.10            |
| trans-Nerolidol               | ----            |
| Guaiol                        | ----            |
| $\alpha$ -Bisabolol           | ----            |
| Total Terpenes: <b>2.35 %</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 06/19/2023.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 06/28/2023 | 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>Cannabinoids</b> | <b>% w/w</b> | <b>mg per 300 mg</b> | <b>mg per 500 mg</b> | <b>mg per 1000 mg</b> | <b>mg per 1040 mg</b> |
|---------------------|--------------|----------------------|----------------------|-----------------------|-----------------------|
| THCA                | ----         | ----                 | ----                 | ----                  | ----                  |
| $\Delta^9$ THC      | 87.23        | 261.69               | 436.15               | 872.30                | 907.19                |
| CBDA                | ----         | ----                 | ----                 | ----                  | ----                  |
| CBD                 | 0.89         | 2.67                 | 4.45                 | 8.90                  | 9.26                  |
| THCV                | 0.93         | 2.79                 | 4.65                 | 9.30                  | 9.67                  |
| CBGA                | ----         | ----                 | ----                 | ----                  | ----                  |
| CBG                 | 1.49         | 4.47                 | 7.45                 | 14.90                 | 15.50                 |
| CBN                 | 1.04         | 3.12                 | 5.20                 | 10.40                 | 10.82                 |
| CBC                 | ----         | ----                 | ----                 | ----                  | ----                  |

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