

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 01/02/2024

Report Date: 01/09/2024

NELabs Report ID: 2492291-02

## Product ID: LR-231211-O-8809

| 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            | 80.50           |
| CBDA                      | ----            |
| CBD                       | <LOQ            |
| THCV                      | <LOQ            |
| CBGA                      | 0.29            |
| CBG                       | 0.99            |
| CBN                       | 0.73            |
| CBC                       | 2.03            |
| Total Cannabinoids        | <b>84.54 %</b>  |
| <b>Total THC: 80.50 %</b> |                 |

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

| Terpenes by GC-MS             | Results (% w/w) |
|-------------------------------|-----------------|
| $\alpha$ -Pinene              | 0.04            |
| Camphene                      | 0.01            |
| $\beta$ -Myrcene              | 0.43            |
| $\beta$ -Pinene               | 0.11            |
| 3-Carene                      | ----            |
| $\alpha$ -Terpinene           | ----            |
| Limonene                      | 1.06            |
| Ocimene                       | ----            |
| p-Cymene                      | ----            |
| $\gamma$ -Terpinene           | ----            |
| Terpinolene                   | 0.03            |
| Linalool                      | 2.08            |
| (-)-Isopulegol                | ----            |
| Geraniol                      | ----            |
| $\beta$ -Caryophyllene        | 1.20            |
| $\alpha$ -Humulene            | 0.42            |
| cis-Nerolidol                 | ----            |
| trans-Nerolidol               | ----            |
| Guaiol                        | ----            |
| $\alpha$ -Bisabolol           | ----            |
| <b>Total Terpenes: 5.38 %</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 ( $\mu g/kg$ ) | Limits ( $\mu g/kg$ ) |
|-----------------------------|------------------------|-----------------------|
| Aflatoxins (B1, B2, G1, G2) | <20 each               | <20 each              |
| Ochratoxin-A                | <20                    | <20                   |
| Pass/Fail: <b>PASS</b>      |                        |                       |

| Ingredient Testing by FTIR | Results ( $\mu g/kg$ ) | Limits ( $\mu g/kg$ ) |
|----------------------------|------------------------|-----------------------|
| 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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| <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      | 80.50        | 241.50               | 402.50               | 805.00                | 837.20                |
| CBDA                | ----         | ----                 | ----                 | ----                  | ----                  |
| CBD                 | <LOQ         | <1.0                 | <1.0                 | <1.0                  | <1.0                  |
| THCV                | <LOQ         | <1.0                 | <1.0                 | <1.0                  | <1.0                  |
| CBGA                | 0.29         | 0.87                 | 1.45                 | 2.90                  | 3.02                  |
| CBG                 | 0.99         | 2.97                 | 4.95                 | 9.90                  | 10.30                 |
| CBN                 | 0.73         | 2.19                 | 3.65                 | 7.30                  | 7.59                  |
| CBC                 | 2.03         | 6.09                 | 10.15                | 20.30                 | 21.11                 |

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

