

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 05/02/2023

Report Date: 05/11/2023

NELabs Report ID: 2390145-06

## Product ID: AC-230421-O

| 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           | 79.80           |
| CBDA                     | ----            |
| CBD                      | 0.66            |
| THCV                     | 0.71            |
| CBGA                     | ----            |
| CBG                      | 1.51            |
| CBN                      | 1.65            |
| CBC                      | ----            |
| Total Cannabinoids       | <b>84.33%</b>   |
| <b>Total THC: 79.80%</b> |                 |

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

| Terpenes by GC-MS            | Results (% w/w) |
|------------------------------|-----------------|
| $\alpha$ -Pinene             | 0.32            |
| Camphene                     | 0.04            |
| $\beta$ -Myrcene             | 0.23            |
| $\beta$ -Pinene              | 0.29            |
| 3-Carene                     | ----            |
| $\alpha$ -Terpinene          | ----            |
| Limonene                     | 1.39            |
| Ocimene                      | 0.44            |
| p-Cymene                     | ----            |
| $\gamma$ -Terpinene          | 0.01            |
| Terpinolene                  | 0.03            |
| Linalool                     | 0.78            |
| (-)-Isopulegol               | ----            |
| Geraniol                     | ----            |
| $\beta$ -Caryophyllene       | 0.76            |
| $\alpha$ -Humulene           | 0.25            |
| cis-Nerolidol                | 0.13            |
| trans-Nerolidol              | ----            |
| Guaiol                       | ----            |
| $\alpha$ -Bisabolol          | ----            |
| <b>Total Terpenes: 4.67%</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 05/02/2023 except for the following: \*Residual Solvent; results from 04/24/2023 (2390078-01).

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Zachary Cannone</i>  |
| 05/11/2023 | 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 300 mg | mg per 500 mg | mg per 1000 mg | mg per 1040 mg |
|----------------|-------|---------------|---------------|----------------|----------------|
| THCA           | ----  | ----          | ----          | ----           | ----           |
| $\Delta^9$ THC | 79.80 | 239.40        | 399.00        | 798.00         | 829.92         |
| CBDA           | ----  | ----          | ----          | ----           | ----           |
| CBD            | 0.66  | 1.98          | 3.30          | 6.60           | 6.86           |
| THCV           | 0.71  | 2.13          | 3.55          | 7.10           | 7.38           |
| CBGA           | ----  | ----          | ----          | ----           | ----           |
| CBG            | 1.51  | 4.53          | 7.55          | 15.10          | 15.70          |
| CBN            | 1.65  | 4.95          | 8.25          | 16.50          | 17.16          |
| CBC            | ----  | ----          | ----          | ----           | ----           |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/02/2023.

