

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 09/21/2021

Report Date: 9/27/2021

NELabs Report ID: 2185416-01

## Product ID: AM-210910-O

| <b>Microbiology</b>                  | <b>Results (CFU)</b> | <b>Limits (CFU)</b> | <b>Methods</b> |
|--------------------------------------|----------------------|---------------------|----------------|
| Total Aerobic Microbial Count        | <100                 | 100,000             | AOAC 990.12    |
| Total Yeast & Mold Count             | <100                 | 10,000              | AOAC 997.02    |
| Bile Tolerant Gram-Negative Bacteria | <100                 | 1,000               | AOAC 2003.01   |
| Coliform                             | <100                 | 1,000               | AOAC 991.14    |
| Enteropathogenic <i>E. coli</i>      | Not Detected         | Not Detected        | AOAC 2017.01   |
| Salmonella species                   | Not Detected         | Not Detected        | AOAC 2016.01   |
| <b>Pass/Fail: PASS</b>               |                      |                     |                |

| <b>Heavy Metals by ICP-MS</b> | <b>Results (µg/kg BW/day)</b> | <b>Limits (µg/kg BW/day)</b> |
|-------------------------------|-------------------------------|------------------------------|
| Arsenic                       | <3.2 <sup>-4</sup>            | <0.14                        |
| Cadmium                       | <2.4 <sup>-4</sup>            | <0.09                        |
| Lead                          | <2.2 <sup>-4</sup>            | <0.29                        |
| Mercury                       | <8.4 <sup>-4</sup>            | <0.29                        |
| <b>Pass/Fail: PASS</b>        |                               |                              |

| <b>Mycotoxins by TLC</b> | <b>Results (µg/kg)</b> | <b>Limits (µg/kg)</b> |
|--------------------------|------------------------|-----------------------|
| Aflatoxin B1             | <5                     | 5                     |
| Aflatoxin B2             | <5                     | 5                     |
| Aflatoxin G1             | <5                     | 5                     |
| Aflatoxin G2             | <5                     | 5                     |
| Ochratoxin-A             | <5                     | 5                     |
| <b>Pass/Fail: PASS</b>   |                        |                       |

| <b>Pesticides by GC-MS</b> | <b>Results</b> |                 | <b>Results</b> |
|----------------------------|----------------|-----------------|----------------|
| Bifenazate                 | Not Detected   | Imidacloprid    | Not Detected   |
| Bifenthrin                 | Not Detected   | Myclobutanil    | Not Detected   |
| Cyfluthrin                 | Not Detected   | Pyrethrum       | Not Detected   |
| Etoazole                   | Not Detected   | Spiromesifen    | Not Detected   |
| Imazalil                   | Not Detected   | Trifloxystrobin | Not Detected   |
| <b>Pass/Fail: PASS</b>     |                |                 |                |

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| <b><i>Terpenes by GC-MS</i></b> | <b>Results (% w/w)</b> |
|---------------------------------|------------------------|
| $\alpha$ -Pinene                | 0.09                   |
| Camphene                        | 0.04                   |
| $\beta$ -Myrcene                | 0.45                   |
| $\beta$ -Pinene                 | 0.04                   |
| 3-Carene                        | 0.01                   |
| $\alpha$ -terpinene             | ----                   |
| $\alpha$ -Ocimene               | ----                   |
| p-Cymene                        | ----                   |
| Limonene                        | 0.45                   |
| $\beta$ -Ocimene                | ----                   |
| $\gamma$ -Terpinene             | ----                   |
| Linalool                        | 0.37                   |
| Terpinolene                     | 0.07                   |
| (-)-Isopulegol                  | 0.31                   |
| Geraniol                        | 0.52                   |
| $\beta$ -Caryophyllene          | 2.52                   |
| $\alpha$ -Humulene              | 0.16                   |
| cis-Nerolidol                   | 0.55                   |
| trans-Nerolidol                 | 3.58                   |
| Guaiol                          | 0.29                   |
| $\alpha$ -Bisabolol             | 0.27                   |
| <b>Total Terpenes: 9.72</b>     |                        |

| <b><i>Cannabinoids by HPLC</i></b> | <b>Results (% w/w)</b> |
|------------------------------------|------------------------|
| THCA                               | 0.10                   |
| THC                                | 81.98                  |
| CBDA                               | 0.16                   |
| CBD                                | ----                   |
| THCV                               | 0.25                   |
| CBGA                               | 0.22                   |
| CBG                                | 0.95                   |
| CBN                                | 0.90                   |
| CBC                                | ----                   |
| <b>Total Cannabinoids: 84.56</b>   |                        |

| <b><i>*Residual Alcohol by GC-MS</i></b> | <b>Results (% w/w)</b> |
|------------------------------------------|------------------------|
| Ethanol                                  | <0.10                  |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/21/2021 except for the following: \*Residual Alcohol; results from 09/14/2021 (2185314-01).

|           |                                        |                                      |
|-----------|----------------------------------------|--------------------------------------|
| Date:     | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Alan C. Johnson</i>  |
| 9/27/2021 | Michelle Szylobryt, QA / QC            | Alan C. Johnson, Laboratory Director |

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CT Cert. #PH-0404

EPA Cert. #CT-024

FDA Reg. #086650488

CT CSL#0000624

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| <b><i>Cannabinoids</i></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                       | 0.10         | 0.30                 | 0.50                 | 1.00                  | 1.04                  |
| THC                        | 81.98        | 245.94               | 409.90               | 819.80                | 852.59                |
| CBDA                       | 0.16         | 0.48                 | 0.80                 | 1.60                  | 1.66                  |
| CBD                        | ----         | ----                 | ----                 | ----                  | ----                  |
| THCV                       | 0.25         | 0.75                 | 1.25                 | 2.50                  | 2.60                  |
| CBGA                       | 0.22         | 0.66                 | 1.10                 | 2.20                  | 2.29                  |
| CBG                        | 0.95         | 2.85                 | 4.75                 | 9.50                  | 9.88                  |
| CBN                        | 0.90         | 2.70                 | 4.50                 | 9.00                  | 9.36                  |
| CBC                        | ----         | ----                 | ----                 | ----                  | ----                  |

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