

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 11/11/2021

Report Date: 11/18/2021

NELabs Report ID: 2185956-03

## Product ID: SHW-F2H31-211006

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

| <b>Heavy Metals by ICP-MS</b> | <b>Results (pass/fail)</b> | <b>Limits (µg/kg BW/day)</b> |
|-------------------------------|----------------------------|------------------------------|
| Arsenic                       | PASS                       | <0.14                        |
| Cadmium                       | PASS                       | <0.09                        |
| Lead                          | PASS                       | <0.29                        |
| Mercury                       | PASS                       | <0.29                        |

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

| <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   |
| Pass/Fail: PASS            |                |                 |                |

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CT Cert. #PH-0404 EPA Cert. #CT-024 FDA Reg. #086650488 CT CSL#0000624

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| <b>Terpenes by GC-MS</b>    | <b>Results (% w/w<sup>a</sup>)</b> |
|-----------------------------|------------------------------------|
| α-Pinene                    | 0.14                               |
| Camphene                    | ----                               |
| β-Myrcene                   | 0.35                               |
| β-Pinene                    | 0.09                               |
| 3-Carene                    | 0.06                               |
| α-terpinene                 | 0.03                               |
| α-Ocimene                   | ----                               |
| p-Cymene                    | ----                               |
| Limonene                    | 0.10                               |
| β-Ocimene                   | 0.05                               |
| γ-Terpinene                 | ----                               |
| Linalool                    | 0.16                               |
| Terpinolene                 | 0.27                               |
| (-)-Isopulegol              | ----                               |
| Geraniol                    | ----                               |
| β-Caryophyllene             | 0.40                               |
| α-Humulene                  | 0.08                               |
| cis-Nerolidol               | ----                               |
| trans-Nerolidol             | ----                               |
| Guaiol                      | 0.05                               |
| α-Bisabolol                 | ----                               |
| <b>Total Terpenes: 1.78</b> |                                    |

<sup>a</sup>: percentages reported by dry weight

| <b>Cannabinoids by HPLC</b>      | <b>Results (% w/w<sup>a</sup>)</b> |
|----------------------------------|------------------------------------|
| THCA                             | 25.25                              |
| THC                              | 1.65                               |
| CBDA                             | 0.10                               |
| CBD                              | ----                               |
| THCV                             | ----                               |
| CBGA                             | 0.02                               |
| CBG                              | 0.24                               |
| CBN                              | ----                               |
| CBC                              | ----                               |
| <b>Total Cannabinoids: 27.26</b> |                                    |

<sup>a</sup>: percentages reported by dry weight

| <b>Moisture</b> | <b>Results (% w/w)</b> |
|-----------------|------------------------|
| Water Content   | 15.20                  |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/11/2021.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 11/18/2021 | Michelle Szylobryt, QA / QC                                                                      | Alan C. Johnson, Laboratory Director                                                               |