

**Advanced Grow Labs**

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 09/22/2022

Report Date: 09/29/2022

NELabs Report ID: 2288457-08

**Product ID: LC-F9H22-220921**

| <b>Microbiology</b>                  | <b>Results (CFU)</b> | <b>Limits (CFU)</b> | <b>Methods</b> |
|--------------------------------------|----------------------|---------------------|----------------|
| Total Aerobic Microbial Count        | 10,000               | 100,000             | AOAC 990.12    |
| Total Yeast & Mold Count             | 2,100                | 10,000              | AOAC 2014.05   |
| Shiga Toxin Producing <i>E. coli</i> | Not Detected         | Not Detected        | FDA BAM        |
| Listeria Monocytogenes               | Not Detected         | Not Detected        | AOAC 2016.08   |
| 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                       | <0.14                         | 0.14                         |
| Cadmium                       | <0.09                         | 0.09                         |
| Lead                          | <0.29                         | 0.29                         |
| Mercury                       | <0.29                         | 0.29                         |
| <b>Pass/Fail: PASS</b>        |                               |                              |

| <b>Mycotoxins by LC-MS/MS</b> | <b>Results (µg/kg)</b> | <b>Limits (µg/kg)</b> |
|-------------------------------|------------------------|-----------------------|
| Aflatoxin B1                  | <20                    | 20                    |
| Aflatoxin B2                  | <20                    | 20                    |
| Aflatoxin G1                  | <20                    | 20                    |
| Aflatoxin G2                  | <20                    | 20                    |
| Ochratoxin-A                  | <20                    | 20                    |
| <b>Pass/Fail: PASS</b>        |                        |                       |

| <b>Pesticides by LC-MS/MS</b> | <b>Results</b> | <b>Results</b>    | <b>Results</b> |
|-------------------------------|----------------|-------------------|----------------|
| Bifenazate                    | Not Detected   | Myclobutanil      | Not Detected   |
| Dimethomorph                  | Not Detected   | Piperonylbutoxide | Not Detected   |
| Etoazole                      | Not Detected   | Spinetoram (J +L) | Not Detected   |
| Fenhexamid                    | Not Detected   | Spinosad (A+D)    | Not Detected   |
| Flonicamid                    | Not Detected   | Spirotetramat     | Not Detected   |
| Fludioxonil                   | Not Detected   | Thiamethoxam      | Not Detected   |
| Imidacloprid                  | Not Detected   | Trifloxystrobin   | Not Detected   |
| <b>Pass/Fail: PASS</b>        |                |                   |                |

129 Mill Street Berlin, CT 06037

www.nelabsct.com Telephone: 860-828-9787

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

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| <i><b>Terpenes by GC-MS</b></i> | <b>Results (% w/w<sup>a</sup>)</b> |
|---------------------------------|------------------------------------|
| α-Pinene                        | 0.28                               |
| Camphene                        | 0.01                               |
| β-Myrcene                       | 0.02                               |
| β-Pinene                        | 0.18                               |
| 3-Carene                        | 0.05                               |
| α-Terpinene                     | ----                               |
| Limonene                        | 0.12                               |
| Ocimene                         | 0.18                               |
| p-Cymene                        | ----                               |
| γ-Terpinene                     | 0.03                               |
| Terpinolene                     | 0.42                               |
| Linalool                        | 0.03                               |
| (-)-Isopulegol                  | ----                               |
| Geraniol                        | ----                               |
| β-Caryophyllene                 | 0.34                               |
| α-Humulene                      | 0.14                               |
| cis-Nerolidol                   | 0.03                               |
| trans-Nerolidol                 | 0.27                               |
| Guaiol                          | 0.06                               |
| α-Bisabolol                     | 0.06                               |
| <b>Total Terpenes: 2.22</b>     |                                    |

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

| <i><b>*Cannabinoids by HPLC</b></i> | <b>Results (% w/w<sup>a</sup>)</b> |
|-------------------------------------|------------------------------------|
| THCA                                | 19.82                              |
| THC                                 | 0.91                               |
| CBDA                                | 0.17                               |
| CBD                                 | 0.37                               |
| THCV                                | ----                               |
| CBGA                                | 1.40                               |
| CBG                                 | 0.01                               |
| CBN                                 | ----                               |
| CBC                                 | ----                               |
| <b>Total Cannabinoids: 22.68</b>    |                                    |

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

| <i><b>Moisture</b></i> | <b>Results (% w/w)</b> |
|------------------------|------------------------|
| Water Content          | 15.70                  |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/22/2022 except for the following:

\*Cannabinoids; results from 09/13/2022 (2288377-13).

Chain of Custody from 09/13/2022 listed Product ID as LC-F9H22; Chain of Custody from 09/22/2022 listed Product ID as LC-F9H22-220921.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 09/29/2022 | Michelle Szylobryt, QA / QC                                                                      | Zachary Cannone, Laboratory Director                                                               |

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