

**Advanced Grow Labs**

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 5/05/2022

Report Date: 5/11/2022

NELabs Report ID: 2287313-02

**Product ID: LR-220426-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 2014.05   |
| 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 LC-MS/MS</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 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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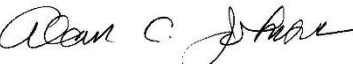
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| <b><i>Terpenes by GC-MS</i></b> | <b>Results (% w/w)</b> |
|---------------------------------|------------------------|
| $\alpha$ -Pinene                | 0.08                   |
| Camphene                        | 0.02                   |
| $\beta$ -Myrcene                | 0.85                   |
| $\beta$ -Pinene                 | 0.19                   |
| 3-Carene                        | ----                   |
| $\alpha$ -terpinene             | ----                   |
| $\alpha$ -Ocimene               | ----                   |
| p-Cymene                        | ----                   |
| Limonene                        | 1.16                   |
| $\beta$ -Ocimene                | ----                   |
| $\gamma$ -Terpinene             | ----                   |
| Linalool                        | 0.51                   |
| Terpinolene                     | ----                   |
| (-)-Isopulegol                  | ----                   |
| Geraniol                        | ----                   |
| $\beta$ -Caryophyllene          | 0.69                   |
| $\alpha$ -Humulene              | 0.21                   |
| cis-Nerolidol                   | 0.02                   |
| trans-Nerolidol                 | 1.04                   |
| Guaiol                          | ----                   |
| $\alpha$ -Bisabolol             | 0.02                   |
| <b>Total Terpenes: 4.79</b>     |                        |

| <b><i>Cannabinoids by HPLC</i></b> | <b>Results (% w/w)</b> |
|------------------------------------|------------------------|
| THCA                               | 0.57                   |
| THC                                | 83.26                  |
| CBDA                               | ----                   |
| CBD                                | 0.01                   |
| THCV                               | ----                   |
| CBGA                               | 0.01                   |
| CBG                                | 0.02                   |
| CBN                                | ----                   |
| CBC                                | ----                   |
| <b>Total Cannabinoids: 83.87</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 5/05/2022 except for the following: \*Residual Alcohol; results from 4/28/2022 (2287260-01).

|           |                                                                                                  |                                                                                                    |
|-----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:     | Reviewed by:  | Released by:  |
| 5/11/2022 | Garrett Johnson, QA / QC                                                                         | Alan C. Johnson, Laboratory Director                                                               |

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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                       | 0.57         | 1.71                 | 2.85                 | 5.70                  | 5.93                  |
| THC                        | 83.26        | 249.78               | 416.30               | 832.60                | 865.90                |
| CBDA                       | ----         | ----                 | ----                 | ----                  | ----                  |
| CBD                        | 0.01         | 0.03                 | 0.05                 | 0.10                  | 0.10                  |
| THCV                       | ----         | ----                 | ----                 | ----                  | ----                  |
| CBGA                       | 0.01         | 0.03                 | 0.05                 | 0.10                  | 0.10                  |
| CBG                        | 0.02         | 0.06                 | 0.10                 | 0.20                  | 0.21                  |
| CBN                        | ----         | ----                 | ----                 | ----                  | ----                  |
| CBC                        | ----         | ----                 | ----                 | ----                  | ----                  |

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