

**Advanced Grow Labs**

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 7/28/2022

Report Date: 8/04/2022

NELabs Report ID: 2287970-01

**Product ID: BKS-220715-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   |
| 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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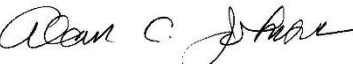
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| <b>Terpenes by GC-MS</b>    | <b>Results (% w/w)</b> |
|-----------------------------|------------------------|
| $\alpha$ -Pinene            | 0.11                   |
| Camphene                    | ----                   |
| $\beta$ -Myrcene            | 0.32                   |
| $\beta$ -Pinene             | 0.05                   |
| 3-Carene                    | ----                   |
| $\alpha$ -terpinene         | ----                   |
| Limonene                    | 0.06                   |
| Ocimene                     | 0.05                   |
| p-Cymene                    | ----                   |
| $\gamma$ -Terpinene         | ----                   |
| Terpinolene                 | ----                   |
| Linalool                    | 0.14                   |
| (-)-Isopulegol              | ----                   |
| Geraniol                    | ----                   |
| $\beta$ -Caryophyllene      | 0.79                   |
| $\alpha$ -Humulene          | 0.23                   |
| cis-Nerolidol               | 0.03                   |
| trans-Nerolidol             | 1.40                   |
| Guaiol                      | 0.08                   |
| $\alpha$ -Bisabolol         | 0.06                   |
| <b>Total Terpenes: 3.32</b> |                        |

| <b>Cannabinoids by HPLC</b>      | <b>Results (% w/w)</b> |
|----------------------------------|------------------------|
| THCA                             | 0.49                   |
| THC                              | 84.79                  |
| CBDA                             | ----                   |
| CBD                              | 0.02                   |
| THCV                             | ----                   |
| CBGA                             | 0.01                   |
| CBG                              | 2.86                   |
| CBN                              | ----                   |
| CBC                              | ----                   |
| <b>Total Cannabinoids: 88.17</b> |                        |

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

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 7/28/2022 except for the following: \*Residual Alcohol; results from 7/19/2022 (2287882-01).

|           |                                                                                                  |                                                                                                    |
|-----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:     | Reviewed by:  | Released by:  |
| 8/04/2022 | Michelle Szylobryt, 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                       | 0.49         | 1.47                 | 2.45                 | 4.90                  | 5.10                  |
| THC                        | 84.79        | 254.37               | 423.95               | 847.90                | 881.82                |
| CBDA                       | ----         | ----                 | ----                 | ----                  | ----                  |
| CBD                        | 0.02         | 0.06                 | 0.10                 | 0.20                  | 0.21                  |
| THCV                       | ----         | ----                 | ----                 | ----                  | ----                  |
| CBGA                       | 0.01         | 0.03                 | 0.05                 | 0.10                  | 0.10                  |
| CBG                        | 2.86         | 8.58                 | 14.30                | 28.60                 | 29.74                 |
| CBN                        | ----         | ----                 | ----                 | ----                  | ----                  |
| CBC                        | ----         | ----                 | ----                 | ----                  | ----                  |

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