

## Advanced Grow Labs

400 Frontage Rd.  
West Haven, CT 06516

Date Received: 01/02/2024

Report Date: 01/09/2024

NELabs Report ID: 2492291-07

## Product ID: CSK-F4H42-231228

| Microbiology                                           | Results (CFU) | Limits (CFU) | Methods      |
|--------------------------------------------------------|---------------|--------------|--------------|
| Total Aerobic Microbial Count                          | 100           | 100,000      | AOAC 990.12  |
| Total Yeast & Mold Count                               | <100          | 100,000      | AOAC 2014.05 |
| <i>Aspergillus (flavus, fumigatus, terreus, niger)</i> | Not Detected  | Not Detected | qPCR         |
| Enteropathogenic <i>E. coli</i>                        | Not Detected  | Not Detected | AOAC 2017.01 |
| <i>Listeria Monocytogenes</i>                          | Not Detected  | Not Detected | AOAC 2016.08 |
| <i>Salmonella</i> species                              | Not Detected  | Not Detected | AOAC 2016.01 |
| Shiga Toxin Producing <i>E. coli</i>                   | Not Detected  | Not Detected | FDA BAM      |
| Pass/Fail: <b>PASS</b>                                 |               |              |              |

| Cannabinoids by HPLC      | Results (% w/w <sup>a</sup> ) |
|---------------------------|-------------------------------|
| THCA                      | 31.41                         |
| Δ <sup>9</sup> THC        | 0.82                          |
| CBDA                      | 0.04                          |
| CBD                       | ----                          |
| THCV                      | ----                          |
| CBGA                      | 1.42                          |
| CBG                       | 0.08                          |
| CBN                       | ----                          |
| CBL                       | ----                          |
| CBC                       | ----                          |
| Total Cannabinoids        | <b>33.77 %</b>                |
| <b>Total THC: 28.37 %</b> |                               |

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

| Moisture              | Results |
|-----------------------|---------|
| Water Content (% w/w) | 14.3    |
| Water Activity (Aw)   | 0.51    |

| Terpenes by GC-MS             |      |
|-------------------------------|------|
| α-Pinene                      | 0.03 |
| Camphene                      | 0.01 |
| β-Myrcene                     | 0.55 |
| β-Pinene                      | 0.08 |
| 3-Carene                      | ---- |
| α-Terpinene                   | ---- |
| Limonene                      | 0.52 |
| Ocimene                       | ---- |
| p-Cymene                      | ---- |
| γ-Terpinene                   | ---- |
| Terpinolene                   | ---- |
| Linalool                      | 0.46 |
| (-)-Isopulegol                | ---- |
| Geraniol                      | ---- |
| β-Caryophyllene               | 0.61 |
| α-Humulene                    | 0.19 |
| cis-Nerolidol                 | ---- |
| trans-Nerolidol               | ---- |
| Guaiol                        | ---- |
| α-Bisabolol                   | ---- |
| <b>Total Terpenes: 2.45 %</b> |      |

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



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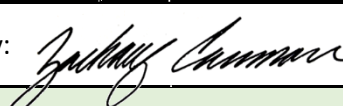
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| Pesticides by LC-MS/MS | Results      | Limits              |
|------------------------|--------------|---------------------|
| Per Sample $\geq$ 0.5g | Not Detected | Below Action Levels |
| Pass/Fail: <b>PASS</b> |              |                     |

| Heavy Metals by ICP-MS | Results         | Limits              |
|------------------------|-----------------|---------------------|
| As, Cd, Pb, Hg         | Below Detection | Below Action Levels |
| Pass/Fail: <b>PASS</b> |                 |                     |

| Mycotoxins by LC-MS/MS      | Results ( $\mu\text{g/kg}$ ) | Limits ( $\mu\text{g/kg}$ ) |
|-----------------------------|------------------------------|-----------------------------|
| Aflatoxins (B1, B2, G1, G2) | <20 each                     | <20 each                    |
| Ochratoxin-A                | <20                          | <20                         |
| Pass/Fail: <b>PASS</b>      |                              |                             |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 01/02/2024.

|          |                                                                                                  |                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:    | Reviewed by:  | Released by:  |
| 01/09/24 | Garrett Johnson, QA / QC                                                                         | Zachary Cannone, Laboratory Director                                                               |

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO/ILAC-IAF Communiqué dated April 2017).



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| Cannabinoids   | % w/w | mg per 3.5 g | mg per 7 g | mg per 14 g | mg per 28 g |
|----------------|-------|--------------|------------|-------------|-------------|
| THCA           | 31.41 | 1099.35      | 2198.70    | 4397.40     | 8794.80     |
| $\Delta^9$ THC | 0.82  | 28.70        | 57.40      | 114.80      | 229.60      |
| CBD            | 0.04  | 1.40         | 2.80       | 5.60        | 11.20       |
| CBDV           | ----  | ----         | ----       | ----        | ----        |
| THCV           | ----  | ----         | ----       | ----        | ----        |
| CBGA           | 1.42  | 49.70        | 99.40      | 198.80      | 397.60      |
| CBG            | 0.08  | 2.80         | 5.60       | 11.20       | 22.40       |
| CBN            | ----  | ----         | ----       | ----        | ----        |
| CBL            | ----  | ----         | ----       | ----        | ----        |
| CBC            | ----  | ----         | ----       | ----        | ----        |

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