

**CT Pharma**  
280 Dividend Dr.  
Rocky Hill, CT 06067

Date Received: 1/14/2022  
Report Date: 1/28/2022  
NELabs Report ID: 2286480-01

## Product ID: HDK091721

| <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 TLC</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 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   |
| <b>Pass/Fail: PASS</b>     |                |                 |                |

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| <b>*Terpenes by GC-MS</b>   | <b>Results (% w/w<sup>a</sup>)</b> |
|-----------------------------|------------------------------------|
| α-Pinene                    | 0.23                               |
| Camphene                    | ----                               |
| β-Myrcene                   | 1.08                               |
| β-Pinene                    | 0.24                               |
| 3-Carene                    | ----                               |
| α-terpinene                 | ----                               |
| α-Ocimene                   | ----                               |
| p-Cymene                    | ----                               |
| Limonene                    | 0.56                               |
| β-Ocimene                   | ----                               |
| γ-Terpinene                 | ----                               |
| Linalool                    | 0.32                               |
| Terpinolene                 | ----                               |
| (-)-Isopulegol              | ----                               |
| Geraniol                    | ----                               |
| β-Caryophyllene             | 0.62                               |
| α-Humulene                  | 0.26                               |
| cis-Nerolidol               | 0.23                               |
| trans-Nerolidol             | 0.72                               |
| Guaiaol                     | ----                               |
| α-Bisabolol                 | ----                               |
| <b>Total Terpenes: 4.26</b> |                                    |

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

| <b>*Cannabinoids by HPLC</b>     | <b>Results (% w/w<sup>a</sup>)</b> |
|----------------------------------|------------------------------------|
| CBDV                             | ----                               |
| CBDA                             | 0.02                               |
| CBGA                             | 0.75                               |
| CBG                              | 0.01                               |
| CBD                              | ----                               |
| THCV                             | ----                               |
| CBN                              | ----                               |
| THC                              | 0.45                               |
| CBL                              | ----                               |
| CBC                              | ----                               |
| THCA                             | 33.07                              |
| <b>Total Cannabinoids: 34.30</b> |                                    |

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

| <b>Moisture</b> | <b>Results (% w/w)</b> |
|-----------------|------------------------|
| Water Content   | 13.10                  |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 1/14/2022 except for the following: \*Cannabinoids and \*Terpenes; results from 1/21/2022 (2286532-01).

|           |                                                                                                  |                                                                                                    |
|-----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:     | Reviewed by:  | Released by:  |
| 1/28/2022 | Michelle Szylobryt, QA / QC                                                                      | Alan C. Johnson, Laboratory Director                                                               |