

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

Date Received: 8/16/2022  
Report Date: 9/13/2022  
NELabs Report ID: 2288128-02

**Product ID: PIW042722**

| <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             | 150                  | 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>        |                |                   |                |

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| <b><i>Terpenes by GC-MS</i></b> | <b>Results (% w/w<sup>a</sup>)</b> |
|---------------------------------|------------------------------------|
| α-Pinene                        | 0.15                               |
| Camphene                        | 0.01                               |
| β-Myrcene                       | 0.39                               |
| β-Pinene                        | 0.13                               |
| 3-Carene                        | 0.01                               |
| α-terpinene                     | ----                               |
| Limonene                        | 0.39                               |
| Ocimene                         | 0.07                               |
| p-Cymene                        | 0.05                               |
| γ-Terpinene                     | ----                               |
| Terpinolene                     | 0.01                               |
| Linalool                        | 0.06                               |
| (-)-Isopulegol                  | ----                               |
| Geraniol                        | ----                               |
| β-Caryophyllene                 | 0.21                               |
| α-Humulene                      | 0.06                               |
| cis-Nerolidol                   | 0.04                               |
| trans-Nerolidol                 | 0.57                               |
| Guaiol                          | 0.01                               |
| α-Bisabolol                     | ----                               |
| <b>Total Terpenes: 2.16</b>     |                                    |

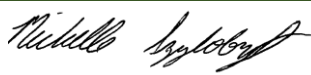
<sup>a</sup>: percentages reported by dry weight

| <b><i>*Cannabinoids by HPLC</i></b> | <b>Results (% w/w<sup>a</sup>)</b> |
|-------------------------------------|------------------------------------|
| CBDV                                | ----                               |
| CBDA                                | 0.23                               |
| CBGA                                | 0.80                               |
| CBG                                 | 0.01                               |
| CBD                                 | ----                               |
| THCV                                | ----                               |
| CBN                                 | ----                               |
| THC                                 | 0.36                               |
| CBL                                 | ----                               |
| CBC                                 | ----                               |
| THCA                                | 31.44                              |
| <b>Total Cannabinoids: 32.84</b>    |                                    |

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

| <b><i>Moisture</i></b> | <b>Results (% w/w)</b> |
|------------------------|------------------------|
| Water Content          | 13.20                  |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 8/16/2022 except for the following: \*Cannabinoids; results from 9/07/2022 (2288325-12).

|           |                                                                                                  |                                                                                                    |
|-----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:     | Reviewed by:  | Released by:  |
| 9/13/2022 | Michelle Szylobryt, QA / QC                                                                      | Zachary Cannone, Laboratory Director                                                               |