

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

Date Received: 10/01/2021  
Report Date: 10/11/2021  
NELabs Report ID: 2185575-10

## Product ID: DC0146

| <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 997.02    |
| 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)</b> |
|-----------------------------|------------------------|
| $\alpha$ -Pinene            | 0.03                   |
| Camphene                    | 0.04                   |
| $\beta$ -Myrcene            | 0.18                   |
| $\beta$ -Pinene             | ----                   |
| 3-Carene                    | ----                   |
| $\alpha$ -terpinene         | ----                   |
| $\alpha$ -Ocimene           | ----                   |
| p-Cymene                    | ----                   |
| Limonene                    | ----                   |
| $\beta$ -Ocimene            | 0.07                   |
| $\gamma$ -Terpinene         | ----                   |
| Linalool                    | 0.37                   |
| Terpinolene                 | 0.16                   |
| (-)-Isopulegol              | ----                   |
| Geraniol                    | 0.71                   |
| $\beta$ -Caryophyllene      | 0.68                   |
| $\alpha$ -Humulene          | 0.18                   |
| cis-Nerolidol               | 0.41                   |
| trans-Nerolidol             | 1.12                   |
| Guaiol                      | ----                   |
| $\alpha$ -Bisabolol         | 0.37                   |
| <b>Total Terpenes: 4.32</b> |                        |

| <b>Cannabinoids by HPLC</b>      | <b>Results (% w/w)</b> |
|----------------------------------|------------------------|
| CBDV                             | ----                   |
| CBDA                             | 0.34                   |
| CBGA                             | 0.09                   |
| CBG                              | 0.80                   |
| CBD                              | 0.50                   |
| THCV                             | ----                   |
| CBN                              | 0.37                   |
| THC                              | 74.35                  |
| CBL                              | ----                   |
| CBC                              | ----                   |
| THCA                             | 0.16                   |
| <b>Total Cannabinoids: 76.61</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 10/01/2021.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Alan C. Johnson</i>  |
| 10/11/2021 | Michelle Szylobryt, QA / QC            | Alan C. Johnson, Laboratory Director |