

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

Date Received: 09/24/2021  
Report Date: 10/15/2021, Update 10/20/2021  
NELabs Report ID: 2185493-03

## Product ID: STB052021

| <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 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><i>Terpenes by GC-MS</i></b> | <b>Results (% w/w<sup>a</sup>)</b> |
|---------------------------------|------------------------------------|
| α-Pinene                        | 0.02                               |
| Camphene                        | 0.01                               |
| β-Myrcene                       | 0.23                               |
| β-Pinene                        | 0.03                               |
| 3-Carene                        | ----                               |
| α-terpinene                     | ----                               |
| α-Ocimene                       | ----                               |
| p-Cymene                        | ----                               |
| Limonene                        | 0.12                               |
| β-Ocimene                       | ----                               |
| γ-Terpinene                     | ----                               |
| Linalool                        | 0.16                               |
| Terpinolene                     | ----                               |
| (-)-Isopulegol                  | 0.12                               |
| Geraniol                        | 0.02                               |
| β-Caryophyllene                 | 0.44                               |
| α-Humulene                      | 0.18                               |
| cis-Nerolidol                   | 0.13                               |
| trans-Nerolidol                 | 0.49                               |
| Guaiol                          | 0.11                               |
| α-Bisabolol                     | 0.10                               |
| <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                                | 0.10                               |
| CBGA                                | 1.49                               |
| CBG                                 | 0.02                               |
| CBD                                 | ----                               |
| THCV                                | ----                               |
| CBN                                 | ----                               |
| THC                                 | 0.06                               |
| CBL                                 | ----                               |
| CBC                                 | ----                               |
| THCA                                | 31.39                              |
| <b>Total Cannabinoids: 33.06</b>    |                                    |

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

| <b><i>Moisture</i></b> | <b>Results (% w/w)</b> |
|------------------------|------------------------|
| Water Content          | 11.80                  |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/24/2021 except for the following: \*Cannabinoids; results from 10/08/2021 (2185637-24).  
Updated Cannabinoids 10/20/2021 at the request of the client.

|            |                                        |                                      |
|------------|----------------------------------------|--------------------------------------|
| Date:      | Reviewed by: <i>Michelle Szylobryt</i> | Released by: <i>Alan C. Johnson</i>  |
| 10/20/2021 | Michelle Szylobryt, QA / QC            | Alan C. Johnson, Laboratory Director |