

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

Date Received: 11/08/2022  
Report Date: 11/15/2022  
NELabs Report ID: 2288814-03

**Product ID: GUM071222**

| <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   |
| 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>Terpenes by GC-MS</b>    | <b>Results (% w/w<sup>a</sup>)</b> |
|-----------------------------|------------------------------------|
| α-Pinene                    | 0.04                               |
| Camphene                    | 0.01                               |
| β-Myrcene                   | 0.06                               |
| β-Pinene                    | 0.07                               |
| 3-Carene                    | 0.01                               |
| α-Terpinene                 | ----                               |
| Limonene                    | 0.33                               |
| Ocimene                     | ----                               |
| p-Cymene                    | ----                               |
| γ-Terpinene                 | ----                               |
| Terpinolene                 | ----                               |
| Linalool                    | 0.15                               |
| (-)-Isopulegol              | ----                               |
| Geraniol                    | ----                               |
| β-Caryophyllene             | 0.61                               |
| α-Humulene                  | 0.14                               |
| cis-Nerolidol               | 0.07                               |
| trans-Nerolidol             | 0.16                               |
| Guaiol                      | ----                               |
| α-Bisabolol                 | 0.04                               |
| <b>Total Terpenes: 1.69</b> |                                    |

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

| <b>Cannabinoids by HPLC</b>      | <b>Results (% w/w<sup>a</sup>)</b> |
|----------------------------------|------------------------------------|
| CBDV                             | ----                               |
| CBDA                             | 0.29                               |
| CBGA                             | 0.72                               |
| CBG                              | 0.26                               |
| CBD                              | ----                               |
| THCV                             | ----                               |
| CBN                              | ----                               |
| THC                              | 0.28                               |
| CBL                              | ----                               |
| CBC                              | ----                               |
| THCA                             | 33.68                              |
| <b>Total Cannabinoids: 35.23</b> |                                    |

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

| <b>Moisture</b> | <b>Results (% w/w)</b> |
|-----------------|------------------------|
| Water Content   | 39.50                  |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/08/2022.

|            |                                                                                                  |                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date:      | Reviewed by:  | Released by:  |
| 11/15/2022 | Michelle Szylobryt, QA / QC                                                                      | Zachary Cannone, Laboratory Director                                                               |