

**Report To:**

Connecticut Pharmaceutical Solutions  
47 Lower Main St  
Portland CT 06480

Laboratory Report#: **NCPS090820-01**Report Date: **09/22/2020**

**Sample Site:** CONNECTICUT PHARMACEUTICAL SOLUTIONS  
• 47 LOWER MAIN STREET, PORTLAND CT

**Product Description:** **CHP050420**

| <u>Microbiological Parameters</u>    | <u>Result</u> | <u>Units</u> | <u>Pass/Fail</u> | <u>Recommended Limits</u> |
|--------------------------------------|---------------|--------------|------------------|---------------------------|
| Total Aerobic Microbial Count        | <100          | per gram     | PASS             | 100,000                   |
| Total Yeast & Mold Count             | 250           | per gram     | PASS             | 10,000                    |
| Bile Tolerant Gram Negative Bacteria | <100          | per gram     | PASS             | 1,000                     |
| Coliform                             | <100          | per gram     | PASS             | 1,000                     |
| Enteropathogenic E.coli              | Not Detected  | per gram     | PASS             | Not Detected              |
| Salmonella species                   | Not Detected  | per gram     | PASS             | Not Detected              |

| <u>Heavy Metals:</u> | <u>Result</u> | <u>Units</u> |      | <u>Limits</u> |
|----------------------|---------------|--------------|------|---------------|
| Arsenic, Total       | <0.0005       | µg/kg BW/day | PASS | <0.14         |
| Cadmium, Total       | <0.007        | µg/kg BW/day | PASS | <0.09         |
| Lead, Total          | <0.25         | µg/kg BW/day | PASS | <0.29         |
| Mercury, Total       | <0.005        | µg/kg BW/day | PASS | <0.29         |

| <u>Mycotoxins:</u> | <u>Result</u> | <u>Units</u> |      | <u>Limits</u> |
|--------------------|---------------|--------------|------|---------------|
| Aflatoxin B1       | <5            | µg/kg        | PASS | 5             |
| Aflatoxin B2       | <5            | µg/kg        | PASS | 5             |
| Aflatoxin G1       | <5            | µg/kg        | PASS | 5             |
| Aflatoxin G2       | <5            | µg/kg        | PASS | 5             |
| Ochratoxin-A       | <5            | µg/kg        | PASS | 5             |

**Pesticides:**

|                 |      |
|-----------------|------|
| Bifenazate      | PASS |
| Bifenthrin      | PASS |
| Cyfluthrin      | PASS |
| Etoxazole       | PASS |
| Imazalil        | PASS |
| Imidacloprid    | PASS |
| Myclobutanil    | PASS |
| Pyrethrum       | PASS |
| Spiromesifen    | PASS |
| Trifloxystrobin | PASS |

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**Product Description:****CHP050420****TERPENES by GC/MS**  
**(% Dry Weight)**

|                         | Result      | Units    |
|-------------------------|-------------|----------|
| a-pinene                | 0.04        | %        |
| camphene                | ----        | %        |
| b-pinene                | 0.06        | %        |
| b-myrcene               | 0.26        | %        |
| 3-carene                | ----        | %        |
| a-terpinene             | ----        | %        |
| a-ocimene               | ----        | %        |
| p-cymene                | ----        | %        |
| limonene                | 0.33        | %        |
| ocimene                 | ----        | %        |
| y-terpinene             | ----        | %        |
| terpinolene             | 0.03        | %        |
| linalool                | ----        | %        |
| (-)-isopulegol          | ----        | %        |
| geraniol                | ----        | %        |
| b-caryophyllene         | 0.21        | %        |
| humulene                | 0.35        | %        |
| cis-nerolidol           | ----        | %        |
| trans-nerolidol         | ----        | %        |
| guaial                  | ----        | %        |
| a-bisabolol             | 0.23        | %        |
| <b>TOTAL TERPENES =</b> | <b>1.52</b> | <b>%</b> |

**CANNABINOIDS by HPLC**  
**(% Dry weight)\***

|                             | Result       | Units           |
|-----------------------------|--------------|-----------------|
| CBDV                        | ----         | % weight        |
| CBDA                        | ----         | % weight        |
| CBGA                        | 1.15         | % weight        |
| CBG                         | 0.07         | % weight        |
| CBD                         | ----         | % weight        |
| THCV                        | ----         | % weight        |
| CBN                         | ----         | % weight        |
| d9THC                       | 0.42         | % weight        |
| d8THC                       | ----         | % weight        |
| CBL                         | ----         | % weight        |
| CBC                         | ----         | % weight        |
| THCA                        | 29.64        | % weight        |
| <b>TOTAL CANNABINOIDS =</b> | <b>31.27</b> | <b>% weight</b> |

|          |       |   |
|----------|-------|---|
| Moisture | 13.30 | % |
|----------|-------|---|

**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 09/08/2020 (2081909-01) except for the following:
  - \*Potency Results from 09/15/2020 (2081989-02).

Reviewed &amp; Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 9/22/2020