

**Report To:**

Connecticut Pharmaceutical Solutions  
47 Lower Main St  
Portland CT 06480

**Laboratory Report#:** NCPS080720-11**Report Date:** 08/24/2020

|                             |                                                                             |                            |  |
|-----------------------------|-----------------------------------------------------------------------------|----------------------------|--|
| <u>Sample Site:</u>         | CONNECTICUT PHARMACEUTICAL SOLUTIONS<br>• 47 LOWER MAIN STREET, PORTLAND CT |                            |  |
| <u>Date Collected:</u>      | 08/07/2020 10:15                                                            | Collected by: ZC of NELabs |  |
| <u>Laboratory ID #:</u>     | <u>2081605 – 11</u>                                                         |                            |  |
| <u>Product Description:</u> | RAD040220                                                                   |                            |  |

| <b>Microbiological Parameters</b>    | <b>Result</b> | <b>Units</b> | <b>Pass/Fail</b> | <b>Recommended Limits</b> |
|--------------------------------------|---------------|--------------|------------------|---------------------------|
| Total Aerobic Microbial Count        | <100          | per gram     | PASS             | 100,000                   |
| Total Yeast & Mold Count             | <100          | 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              |

| <b>Heavy Metals:</b> | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
|----------------------|---------------|--------------|------|---------------|
| 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         |

| <b>Mycotoxins:</b> | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
|--------------------|---------------|--------------|------|---------------|
| 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             |

| <b>Pesticides:</b> |      |
|--------------------|------|
| Bifenazate         | PASS |
| Bifenthrin         | PASS |
| Cyfluthrin         | PASS |
| Etoxazole          | PASS |
| Imazalil           | PASS |
| Imidacloprid       | PASS |
| Myclobutanil       | PASS |
| Pyrethrum          | PASS |
| Spiromesifen       | PASS |
| Trifloxystrobin    | PASS |



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|                             |                                                                                    |              |                                   |
|-----------------------------|------------------------------------------------------------------------------------|--------------|-----------------------------------|
| <b>Sample Site:</b>         | <b>CONNECTICUT PHARMACEUTICAL SOLUTIONS</b><br>• 47 LOWER MAIN STREET, PORTLAND CT |              |                                   |
| <b>Date Collected:</b>      | <b>08/07/2020</b>                                                                  | <b>10:15</b> | <b>Collected by: ZC of NELabs</b> |
| <b>Laboratory ID #:</b>     | <b>2081605 – 11</b>                                                                |              |                                   |
| <b>Product Description:</b> | <b>RAD040220</b>                                                                   |              |                                   |

| <b>TERPENES by GC/MS</b><br><b>(% Dry Weight)</b> | <b>Result</b> | <b>Units</b> |
|---------------------------------------------------|---------------|--------------|
| a-pinene                                          | 0.05          | %            |
| camphene                                          | 0.02          | %            |
| b-pinene                                          | 0.09          | %            |
| b-myrcene                                         | 0.28          | %            |
| 3-carene                                          | ---           | %            |
| a-terpinene                                       | ---           | %            |
| a-ocimene                                         | 0.21          | %            |
| p-cymene                                          | ---           | %            |
| limonene                                          | 0.62          | %            |
| ocimene                                           | ---           | %            |
| y-terpinene                                       | ---           | %            |
| terpinolene                                       | 0.03          | %            |
| linalool                                          | 0.17          | %            |
| (-)-isopulegol                                    | ---           | %            |
| geraniol                                          | ---           | %            |
| b-caryophyllene                                   | 0.52          | %            |
| humulene                                          | 0.15          | %            |
| cis-nerolidol                                     | ---           | %            |
| trans-nerolidol                                   | ---           | %            |
| guaial                                            | ---           | %            |
| a-bisabolol                                       | 0.15          | %            |
| <b>TOTAL TERPENES =</b>                           | <b>2.29</b>   | <b>%</b>     |

| <b>CANNABINOIDS by HPLC</b><br><b>(% Dry weight)</b> | <b>Result</b> | <b>Units</b>    |
|------------------------------------------------------|---------------|-----------------|
| CBDV                                                 | ---           | % weight        |
| CBDA                                                 | ---           | % weight        |
| CBGA                                                 | 1.03          | % weight        |
| CBG                                                  | 0.04          | % weight        |
| CBD                                                  | ---           | % weight        |
| THCV                                                 | ---           | % weight        |
| CBN                                                  | ---           | % weight        |
| d9THC                                                | 0.18          | % weight        |
| d8THC                                                | ---           | % weight        |
| CBL                                                  | ---           | % weight        |
| CBC                                                  | ---           | % weight        |
| THCA                                                 | 31.83         | % weight        |
| <b>TOTAL CANNABINOIDS =</b>                          | <b>33.18</b>  | <b>% weight</b> |

|          |       |   |
|----------|-------|---|
| Moisture | 16.49 | % |
|----------|-------|---|

**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/07 & 08/17 2020

Reviewed &amp; Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 8/24/2020