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**Report To:**

Curaleaf LLC

**Attn: Greg Schaan**

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: 01/04 &amp; 01/07 2019

Date Tested: 01/05 &amp; 01/07 2019

Laboratory Report#: **N1976184-03**E-Mail: [greg@curaleaf.com](mailto:greg@curaleaf.com)

Report Date: 01/14/2019

|                             |                                              |                                  |  |
|-----------------------------|----------------------------------------------|----------------------------------|--|
| <u>Sample Site:</u>         | CURALEAF<br>• 100 GRIST MILL RD, SIMSBURY CT |                                  |  |
| <u>Date Collected:</u>      | 01/04/2019 & 01/07/2019                      | Collected by: W. Clark of NELabs |  |
| <u>Laboratory ID #:</u>     | <u>1976184-03 / 1976200-03</u>               |                                  |  |
| <u>Product Description:</u> | 1812312F2 – CT                               |                                  |  |

| <b>Parameter</b>                       | <b>Result</b> | <b>Units</b> |      | <b>Recommended Limits *</b> |
|----------------------------------------|---------------|--------------|------|-----------------------------|
| Total Aerobic Microbial Count          | 99,000        | per gram     | PASS | 100,000                     |
| Total Yeast & Mold Count (1/7 re-test) | 650           | 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                |

**\* RECOMMENDED LIMITS:** per American Herbal Pharmacopoeia (2013)**PASS = Product meets Microbial and Fungal Recommended Limits**  
per American Herbal Pharmacopoeia (2013)**METHODS:** USP 2021, USP 2022, FDA-BAM, AOAC 996.09**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/04 & 01/07 2019

Approved By:

Alan C. Johnson, Laboratory Director

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Date Tested: 01/07 -01/11 2019

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Report Date: 01/14/2019

|                                    |                                              |                                  |  |
|------------------------------------|----------------------------------------------|----------------------------------|--|
| <b><u>Sample Site:</u></b>         | CURALEAF<br>• 100 GRIST MILL RD, SIMSBURY CT |                                  |  |
| <b><u>Date Collected:</u></b>      | 01/04/2019 10:57                             | Collected by: W. Clark of NELabs |  |
| <b><u>Laboratory ID #:</u></b>     | <u>1976184-03</u>                            |                                  |  |
| <b><u>Product Description:</u></b> | 1812312F2 – CT                               |                                  |  |

**HEAVY METALS:**

| <b>Parameter</b> | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
|------------------|---------------|--------------|------|---------------|
| Arsenic, Total   | <0.0005       | µg/kg BW/day | PASS | <0.14         |
| Cadmium, Total   | <0.002        | µg/kg BW/day | PASS | <0.09         |
| Lead, Total      | <0.002        | µg/kg BW/day | PASS | <0.29         |
| Mercury, Total   | <0.005        | µg/kg BW/day | PASS | <0.29         |

**Daily Dose:** 1 gram**Body Weight:** 50 kilograms**METHODS:** USP <232> and <233> (Modified)

AOAC 986.15, 935.50, 971.21

FCC 7, Appendix 3

**LIMITS:** per American Herbal Pharmacopoeia (2013)**PASS =** Product meets Heavy Metals Recommended Limits  
per American Herbal Pharmacopoeia (2013)**Comments:**

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|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| <b>Sample Site:</b>         | <b>CURALEAF</b><br>• 100 GRIST MILL RD, SIMSBURY CT |
| <b>Date Collected:</b>      | 01/04/2019 10:57 Collected by: W. Clark of NELabs   |
| <b>Laboratory ID #:</b>     | <b>1976184-03</b>                                   |
| <b>Product Description:</b> | <b>1812312F2 – CT</b>                               |

| <b>TERPENES</b><br><b>(% Dry Weight)</b> | <b>Result</b> | <b>Units</b> |
|------------------------------------------|---------------|--------------|
| a-pinene                                 | 0.40          | %            |
| b-pinene                                 | 0.24          | %            |
| b-myrcene                                | 1.83          | %            |
| limonene                                 | 0.37          | %            |
| ocimene                                  | ---           | %            |
| linalool                                 | ---           | %            |
| b-caryophyllene                          | 0.52          | %            |
| humulene                                 | 0.19          | %            |

**METHODS:** GC, GC/MS**Comments:**

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Date Received: **01/04/2019**Date Tested: **01/08 – 01/10 2019**Laboratory Report#: **N1976184-03**E-Mail: [greg@curaleaf.com](mailto:greg@curaleaf.com)Report Date: **01/14/2019**

|                             |                                                                                           |       |                                  |
|-----------------------------|-------------------------------------------------------------------------------------------|-------|----------------------------------|
| <u>Sample Site:</u>         | CURALEAF <ul style="list-style-type: none"><li>• 100 GRIST MILL RD, SIMSBURY CT</li></ul> |       |                                  |
| <u>Date Collected:</u>      | 01/04/2019                                                                                | 10:57 | Collected by: W. Clark of NELabs |
| <u>Laboratory ID #:</u>     | 1976184-03                                                                                |       |                                  |
| <u>Product Description:</u> | 1812312F2 – CT                                                                            |       |                                  |

| <b>PESTICIDES LC (MS/MS)</b> |               |              |      |               |
|------------------------------|---------------|--------------|------|---------------|
| <b>Parameter</b>             | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
| Abamectin                    | <0.1          | mg/kg        | PASS | 15            |
| Acequinocyl                  | <0.1          | mg/kg        | PASS | 14            |
| Azadiractin                  | <0.1          | mg/kg        | PASS | 60            |
| Bifenazate                   | <0.1          | mg/kg        | PASS | 6             |
| Bifenthrin                   | <0.1          | mg/kg        | PASS | 12            |
| Chlormequat Chloride         | <0.1          | mg/kg        | PASS | 30            |
| Cyfluthrin                   | <0.1          | mg/kg        | PASS | 12            |
| Daminozide                   | <0.1          | mg/kg        | PASS | 270           |
| Etiozole                     | <0.1          | mg/kg        | PASS | 24            |
| Fenoxycarb                   | <0.1          | mg/kg        | PASS | 32            |
| Imazalil                     | <0.1          | mg/kg        | PASS | 6             |
| Imidacloprid                 | <0.1          | mg/kg        | PASS | 36            |
| Myclobutanil                 | <0.1          | mg/kg        | PASS | 18            |
| Paclobutrazol                | <0.1          | mg/kg        | PASS | 13            |
| Pyrethrum                    | <0.1          | mg/kg        | PASS | 3             |
| Spinosad                     | <0.1          | mg/kg        | PASS | 12            |
| Spiromesifen                 | <0.1          | mg/kg        | PASS | 15            |
| Spirotetramat                | <0.1          | mg/kg        | PASS | 30            |
| Trifloxystrobin              | <0.1          | mg/kg        | PASS | 60            |

**METHODS:** LC – MS/MS (Restek Method)**LIMITS:** per FAO - WHO**Comments:**

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| <u>Product Description:</u> | 1812312F2 – CT                   |       |                                  |

| <b><u>MYCOTOXINS</u></b>               |                      |                     |                      |   |
|----------------------------------------|----------------------|---------------------|----------------------|---|
| <b><u>Parameter</u></b>                | <b><u>Result</u></b> | <b><u>Units</u></b> | <b><u>Limits</u></b> |   |
| <i><u>Method: USP 561-II</u></i>       |                      |                     |                      |   |
| 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 |
| <i><u>Method: USP 561-II (Mod)</u></i> |                      |                     |                      |   |
| Ochratoxin-A                           | <5                   | µg/kg               | PASS                 | 5 |

**METHODS:** USP <561>

Articles of Botanical Origin: Aflatoxins Method 2 (modified for Ochratoxin)

**LIMITS:** per American Herbal Pharmacopoeia (2013)**Comments:**

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|                             | • 100 GRIST MILL RD, SIMSBURY CT |       |                                  |
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| <u>Laboratory ID #:</u>     | 1976184-03                       |       |                                  |
| <u>Product Description:</u> | 1812312F2 – CT                   |       |                                  |

| <u>CANNABINOIDS (% weight)</u> | <u>Result</u> | <u>Units</u> |
|--------------------------------|---------------|--------------|
| CBDV                           | ----          | % weight     |
| CBDA                           | ----          | % weight     |
| CBGA                           | 0.18          | % weight     |
| CBG                            | ----          | % weight     |
| CBD                            | ----          | % weight     |
| THCV                           | ----          | % weight     |
| CBN                            | ----          | % weight     |
| THC                            | 0.59          | % weight     |
| CBC                            | ----          | % weight     |
| THCA                           | 28.98         | % weight     |

**METHODS:** HPLC**Comments:**

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