

**Report To:**

Curaleaf LLC

**Attn: Victoria Gill**

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **09/26/2019**Date Tested: **09/26/2019**Laboratory Report#: **N1979047-05**E-Mail: [tori@curaleaf.com](mailto:tori@curaleaf.com)Report Date: **10/07/2019**

|                             |                                  |       |                                  |
|-----------------------------|----------------------------------|-------|----------------------------------|
| <u>Sample Site:</u>         | CURALEAF                         |       |                                  |
|                             | • 100 GRIST MILL RD, SIMSBURY CT |       |                                  |
| <u>Date Collected:</u>      | 09/26/2019                       | 10:21 | Collected by: W. Clark of NELabs |
| <u>Laboratory ID #:</u>     | <u>1979047-05</u>                |       |                                  |
| <u>Product Description:</u> | 1909138F3 – WA                   |       |                                  |

| <b>Parameter</b>                     | <b>Result</b> | <b>Units</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                |

**\* 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: 09/26/2019

Approved By:

Alan C. Johnson, Laboratory Director

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Date Received: **09/26/2019**Date Tested: **09/27 – 10/02 2019**Laboratory Report#: **N1979047-05**E-Mail: [tori@curaleaf.com](mailto:tori@curaleaf.com)Report Date: **10/07/2019**

|                             |                                  |       |                                  |
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| <u>Sample Site:</u>         | CURALEAF                         |       |                                  |
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| <u>Laboratory ID #:</u>     | 1979047-05                       |       |                                  |
| <u>Product Description:</u> | 1909138F3 – WA                   |       |                                  |

| <b>HEAVY METALS:</b> |               |              |      |               |
|----------------------|---------------|--------------|------|---------------|
| <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       | <0.007        | 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         |

**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:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 09/05/2019

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|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| <b>Sample Site:</b>         | <b>CURALEAF</b><br>• 100 GRIST MILL RD, SIMSBURY CT             |
| <b>Date Collected:</b>      | <b>09/26/2019 10:21</b> Collected by: <b>W. Clark of NELabs</b> |
| <b>Laboratory ID #:</b>     | <b>1979047-05</b>                                               |
| <b>Product Description:</b> | <b>1909138F3 – WA</b>                                           |

| <b>EXPANDED TERPENES</b><br><b>(% Dry Weight)</b> | <b>Result</b> | <b>Units</b> |
|---------------------------------------------------|---------------|--------------|
| a-pinene                                          | ---           | %            |
| camphene                                          | ---           | %            |
| b-pinene                                          | <0.1          | %            |
| b-myrcene                                         | 0.34          | %            |
| 3-carene                                          | ---           | %            |
| a-terpinene                                       | ---           | %            |
| p-cymene                                          | ---           | %            |
| limonene                                          | ---           | %            |
| ocimene                                           | ---           | %            |
| y-terpinene                                       | ---           | %            |
| terpinolene                                       | ---           | %            |
| linalool                                          | 0.13          | %            |
| (-)-isopulegol                                    | ---           | %            |
| geraniol                                          | ---           | %            |
| b-caryophyllene                                   | 0.75          | %            |
| humulene                                          | 0.20          | %            |
| cis-nerolidol                                     | ---           | %            |
| trans-nerolidol                                   | <0.1          | %            |
| guaial                                            | ---           | %            |
| a-bisabolol                                       | ---           | %            |

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

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 09/26/2019

Approved By:

Alan C. Johnson, Laboratory Director

Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 [www.nelabsct.com](http://www.nelabsct.com)

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CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 DEA Reg.: Federal #RN0281852 + CT #624

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|                                    |                                                     |                                         |  |
|------------------------------------|-----------------------------------------------------|-----------------------------------------|--|
| <b><u>Sample Site:</u></b>         | <b>CURALEAF</b><br>• 100 GRIST MILL RD, SIMSBURY CT |                                         |  |
| <b><u>Date Collected:</u></b>      | <b>09/26/2019 10:21</b>                             | <b>Collected by: W. Clark of NELabs</b> |  |
| <b><u>Laboratory ID #:</u></b>     | <b><u>1979047-05</u></b>                            |                                         |  |
| <b><u>Product Description:</u></b> | <b>1909138F3 – WA</b>                               |                                         |  |

| <b>PESTICIDES LC (MS/MS)</b> |               |              |      |               |
|------------------------------|---------------|--------------|------|---------------|
| <b>Parameter</b>             | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
| Bifenazate                   | <0.01         | mg/kg        | PASS | 6             |
| Bifenthrin                   | <0.01         | mg/kg        | PASS | 12            |
| Cyfluthrin                   | <0.01         | mg/kg        | PASS | 12            |
| Etoxazole                    | <0.01         | mg/kg        | PASS | 24            |
| Imazalil                     | <0.01         | mg/kg        | PASS | 6             |
| Imidacloprid                 | <0.01         | mg/kg        | PASS | 36            |
| Myclobutanil                 | <0.01         | mg/kg        | PASS | 18            |
| Pyrethrum                    | <0.01         | mg/kg        | PASS | 3             |
| Spiromesifen                 | <0.01         | mg/kg        | PASS | 15            |
| Trifloxystrobin              | <0.01         | mg/kg        | PASS | 60            |

LOQ = 1.0 µg/kg LOD = 0.1 µg/kg

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

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|                                    |                                                     |                                         |  |
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| <b><u>Sample Site:</u></b>         | <b>CURALEAF</b><br>• 100 GRIST MILL RD, SIMSBURY CT |                                         |  |
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| <b><u>Laboratory ID #:</u></b>     | <b><u>1979047-05</u></b>                            |                                         |  |
| <b><u>Product Description:</u></b> | <b>1909138F3 – WA</b>                               |                                         |  |

| <b>MYCOTOXINS</b>               |               |              |      |               |
|---------------------------------|---------------|--------------|------|---------------|
| <b>Parameter</b>                | <b>Result</b> | <b>Units</b> |      | <b>Limits</b> |
| <i>Method: USP 561-II</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>Method: USP 561-II (Mod)</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)

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|                             |                                                                                         |                                  |  |
|-----------------------------|-----------------------------------------------------------------------------------------|----------------------------------|--|
| <u>Sample Site:</u>         | CURALEAF <ul style="list-style-type: none"><li>100 GRIST MILL RD, SIMSBURY CT</li></ul> |                                  |  |
| <u>Date Collected:</u>      | 09/26/2019 10:21                                                                        | Collected by: W. Clark of NELabs |  |
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| <u>Product Description:</u> | 1909138F3 – WA                                                                          |                                  |  |

| <u>CANNABINOIDS (% weight)</u> | <u>Result</u> | <u>Units</u> |
|--------------------------------|---------------|--------------|
| CBDV                           | ----          | % weight     |
| CBDA                           | ----          | % weight     |
| CBGA                           | 0.71          | % weight     |
| CBG                            | ----          | % weight     |
| CBD                            | ----          | % weight     |
| THCV                           | ----          | % weight     |
| CBN                            | <0.1          | % weight     |
| THC                            | 0.22          | % weight     |
| CBC                            | ----          | % weight     |
| THCA                           | 31.17         | % weight     |

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

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