

**Report To:**

Curaleaf LLC

**Attn: Victoria Gill**

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **12/06/2019**Date Tested: **12/06/2019**Laboratory Report#: **N1979749-04**E-Mail: [tori@curaleaf.com](mailto:tori@curaleaf.com)Report Date: **12/13/2019**

|                                    |                                                     |                                          |  |
|------------------------------------|-----------------------------------------------------|------------------------------------------|--|
| <b><u>Sample Site:</u></b>         | <b>CURALEAF</b><br>• 100 GRIST MILL RD, SIMSBURY CT |                                          |  |
| <b><u>Date Collected:</u></b>      | <b>12/06/2019 12:30</b>                             | <b>Collected by: C. Appell of NELabs</b> |  |
| <b><u>Laboratory ID #:</u></b>     | <b><u>1979749-04</u></b>                            |                                          |  |
| <b><u>Product Description:</u></b> | <b>190924A – BL</b>                                 |                                          |  |

| <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: 12/06/2019

Approved By:

Alan C. Johnson, Laboratory Director

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Date Received: 12/06/2019

Date Tested: 12/10 – 12/12 /2019

Laboratory Report#: **N1979749-04**E-Mail: [tori@curaleaf.com](mailto:tori@curaleaf.com)

Report Date: 12/13/2019

|                                    |                                                                                           |       |                                   |
|------------------------------------|-------------------------------------------------------------------------------------------|-------|-----------------------------------|
| <b><u>Sample Site:</u></b>         | CURALEAF <ul style="list-style-type: none"><li>• 100 GRIST MILL RD, SIMSBURY CT</li></ul> |       |                                   |
| <b><u>Date Collected:</u></b>      | 12/06/2019                                                                                | 12:30 | Collected by: C. Appell of NELabs |
| <b><u>Laboratory ID #:</u></b>     | <u>1979749-04</u>                                                                         |       |                                   |
| <b><u>Product Description:</u></b> | 190924A – BL                                                                              |       |                                   |

**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   | <0.007        | 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:**

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| <b><u>Laboratory ID #:</u></b>     | <b><u>1979749-04</u></b>                            |              |                                          |
| <b><u>Product Description:</u></b> | <b>190924A – BL</b>                                 |              |                                          |

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

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

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/06/2019

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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>Laboratory ID #:</u></b>     | <b><u>1979749-04</u></b>                            |              |                                          |
| <b><u>Product Description:</u></b> | <b>190924A – BL</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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| <b><u>Product Description:</u></b> | <b>190924A – BL</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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| <b><u>Laboratory ID #:</u></b>     | <u>1979749-04</u>                                                                         |       |                                   |
| <b><u>Product Description:</u></b> | 190924A – BL                                                                              |       |                                   |

| <u>CANNABINOIDS</u> | <u>% by Weight</u> | <u>Mg per tablet</u><br><u>(1 tablet = 100 mg)</u> |
|---------------------|--------------------|----------------------------------------------------|
| CBDV                | ---                | ---                                                |
| CBDA                | ---                | ---                                                |
| CBGA                | ---                | ---                                                |
| CBG                 | ---                | ---                                                |
| CBD                 | ---                | ---                                                |
| THCV                | ---                | ---                                                |
| CBN                 | ---                | ---                                                |
| d9THC               | 4.90               | 4.90                                               |
| CBC                 | ---                | ---                                                |
| THCA                | ---                | ---                                                |

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

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