

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **08/27/2019**Date Tested: **08/27/2019**Laboratory Report#: **N1978668-01**E-Mail: [elonergan@adancedgrowlabs.com](mailto:elonergan@adancedgrowlabs.com)Report Date: **09/09/2019**

|                                    |                                                                |                                            |  |
|------------------------------------|----------------------------------------------------------------|--------------------------------------------|--|
| <b><u>Sample Site:</u></b>         | <b>ADVANCED GROW LABS</b><br>• 400 FRONTAGE RD., WEST HAVEN CT |                                            |  |
| <b><u>Date Collected:</u></b>      | <b>08/27/2019 12:00</b>                                        | <b>Collected by: E. Cybulski of NELabs</b> |  |
| <b><u>Laboratory ID #:</u></b>     | <b><u>1978668-01</u></b>                                       |                                            |  |
| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</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 sample submitted to Northeast Laboratories, Inc. on: 08/27/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 08/27/2019****Date Tested: 09/05 – 09/06 2019****Laboratory Report#: N1978668-01****E-Mail: [elonergan@adancedgrowlabs.com](mailto:elonergan@adancedgrowlabs.com)****Report Date: 09/09/2019**

|                                    |                                                                |                                            |  |
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| <b><u>Sample Site:</u></b>         | <b>ADVANCED GROW LABS</b><br>• 400 FRONTAGE RD., WEST HAVEN CT |                                            |  |
| <b><u>Date Collected:</u></b>      | <b>08/27/2019 12:00</b>                                        | <b>Collected by: E. Cybulski of NELabs</b> |  |
| <b><u>Laboratory ID #:</u></b>     | <b><u>1978668-01</u></b>                                       |                                            |  |
| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</b>                                       |                                            |  |

| <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:**

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**Approved By:****Alan C. Johnson, Laboratory Director**

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|                                    |                                                                |                                            |  |
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| <b><u>Laboratory ID #:</u></b>     | <b><u>1978668-01</u></b>                                       |                                            |  |
| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</b>                                       |                                            |  |

| <b>TERPENES</b><br><b>(% Dry Weight)</b> | <b>Result</b> | <b>Units</b> |
|------------------------------------------|---------------|--------------|
| a-pinene                                 | <0.1          | %            |
| b-pinene                                 | 0.10          | %            |
| b-myrcene                                | 0.28          | %            |
| limonene                                 | 0.62          | %            |
| ocimene                                  | <0.1          | %            |
| linalool                                 | <0.1          | %            |
| b-caryophyllene                          | 1.31          | %            |
| humulene                                 | 0.30          | %            |
| a-bisabolol                              | 0.24          | %            |

  

|                  |      |   |
|------------------|------|---|
| Residual Alcohol | <0.1 | % |
|------------------|------|---|

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

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| <b><u>Sample Site:</u></b>         | <b>ADVANCED GROW LABS</b><br>• 400 FRONTAGE RD., WEST HAVEN CT |                                            |  |
| <b><u>Date Collected:</u></b>      | <b>08/27/2019 12:00</b>                                        | <b>Collected by: E. Cybulski of NELabs</b> |  |
| <b><u>Laboratory ID #:</u></b>     | <b><u>1978668-01</u></b>                                       |                                            |  |
| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</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>Sample Site:</u></b>         | <b>ADVANCED GROW LABS</b><br>• 400 FRONTAGE RD., WEST HAVEN CT |                                            |  |
| <b><u>Date Collected:</u></b>      | <b>08/27/2019 12:00</b>                                        | <b>Collected by: E. Cybulski of NELabs</b> |  |
| <b><u>Laboratory ID #:</u></b>     | <b><u>1978668-01</u></b>                                       |                                            |  |
| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</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)**Comments:**

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| <b><u>Laboratory ID #:</u></b>     | <b><u>1978668-01</u></b>                                       |                                            |  |
| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</b>                                       |                                            |  |

| <u>CANNABINOIDS (% weight)</u> | <u>Result</u> | <u>Units</u> |
|--------------------------------|---------------|--------------|
| THCA                           | <0.1          | % weight     |
| THC                            | 80.68         | % weight     |
| CBDA                           | <0.1          | % weight     |
| CBD                            | <0.1          | % weight     |
| CBGA                           | <0.1          | % weight     |
| CBG                            | 1.25          | % weight     |
| CBN                            | 1.19          | % weight     |
| CBC                            | 1.12          | % weight     |

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

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| <b><u>Laboratory ID #:</u></b>     | <b>1978668-01</b>                                              |                                            |  |
| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</b>                                       |                                            |  |

| <b>CANNABINOIDS (mg per 300mg)</b> | <b>Result</b> | <b>Units</b> |
|------------------------------------|---------------|--------------|
| THCA                               | <0.30         | mg per 300mg |
| THC                                | 242.04        | mg per 300mg |
| CBDA                               | <0.30         | mg per 300mg |
| CBD                                | <0.30         | mg per 300mg |
| CBGA                               | <0.30         | mg per 300mg |
| CBG                                | 3.75          | mg per 300mg |
| CBN                                | 3.57          | mg per 300mg |
| CBC                                | 3.36          | mg per 300mg |

**METHODS:** HPLC

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| <u>Sample Site:</u>         | ADVANCED GROW LABS<br>• 400 FRONTAGE RD., WEST HAVEN CT |                                     |  |
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| <u>Laboratory ID #:</u>     | 1978668-01                                              |                                     |  |
| <u>Product Description:</u> | OG-F2H20-190823-O                                       |                                     |  |

| <b>CANNABINOIDS (mg per 420mg)</b> | <b>Result</b> | <b>Units</b> |
|------------------------------------|---------------|--------------|
| THCA                               | <0.42         | mg per 420mg |
| THC                                | 338.86        | mg per 420mg |
| CBDA                               | <0.42         | mg per 420mg |
| CBD                                | <0.42         | mg per 420mg |
| CBGA                               | <0.42         | mg per 420mg |
| CBG                                | 5.25          | mg per 420mg |
| CBN                                | 5.00          | mg per 420mg |
| CBC                                | 4.70          | mg per 420mg |

**METHODS: HPLC**

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| <u>Product Description:</u> | OG-F2H20-190823-O                                       |                                     |  |

| <b>CANNABINOIDS (mg per 500mg)</b> | <b>Result</b> | <b>Units</b> |
|------------------------------------|---------------|--------------|
| THCA                               | <0.50         | mg per 500mg |
| THC                                | 403.40        | mg per 500mg |
| CBDA                               | <0.50         | mg per 500mg |
| CBD                                | <0.50         | mg per 500mg |
| CBGA                               | <0.50         | mg per 500mg |
| CBG                                | 6.25          | mg per 500mg |
| CBN                                | 5.95          | mg per 500mg |
| CBC                                | 5.60          | mg per 500mg |

**METHODS:** HPLC

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| <b><u>Product Description:</u></b> | <b>OG-F2H20-190823-O</b>                                       |                                            |  |

| <b>CANNABINOIDS (mg per 1,000mg)</b> | <b>Result</b> | <b>Units</b>   |
|--------------------------------------|---------------|----------------|
| THCA                                 | <1.00         | mg per 1,000mg |
| THC                                  | 806.80        | mg per 1,000mg |
| CBDA                                 | <1.00         | mg per 1,000mg |
| CBD                                  | <1.00         | mg per 1,000mg |
| CBGA                                 | <1.00         | mg per 1,000mg |
| CBG                                  | 12.50         | mg per 1,000mg |
| CBN                                  | 11.90         | mg per 1,000mg |
| CBC                                  | 11.20         | mg per 1,000mg |

**METHODS:** HPLC

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