

Customer Name: Curaleaf, LLC  
Customer Address: 100 Grist Mill Ln.  
Simsbury, CT 06070  
Phone Number: 860-271-9318

Sample ID: 56072815-5/6 (Lot: B73A) Results issued on: 7/31/2015 COA No. 2074-C

### Quality Control Analysis

| <u>Test</u>         | <u>Specification</u>                                    | <u>Results</u><br><u>(Pass/Fail)</u> |
|---------------------|---------------------------------------------------------|--------------------------------------|
| <b>Microbiology</b> | Total Aerobic Microbial Count (< 2K CFU/g)              | Pass                                 |
|                     | Total Yeast and Mold Count (< 200 CFU/g)                | Pass                                 |
|                     | Bile-tolerant Gram-negative Bacteria ( <b>absence</b> ) | Pass                                 |
|                     | <i>Staph. aureus</i> ( <b>absence</b> )                 | Pass                                 |
|                     | <i>Pseud. aeruginosa</i> ( <b>absence</b> )             | Pass                                 |
| <b>Mycotoxins</b>   | Aflatoxin B1 (< 20 ug/Kg)                               | Pass                                 |
|                     | Aflatoxin B2 (< 20 ug/Kg)                               | Pass                                 |
|                     | Aflatoxin G1 (< 20 ug/Kg)                               | Pass                                 |
|                     | Aflatoxin G1 (< 20 ug/Kg)                               | Pass                                 |
|                     | Ochratoxin A (< 20 ug/Kg)                               | Pass                                 |
| <b>Heavy Metals</b> | Arsenic - As (< 4.206 ug/g)                             | Pass                                 |
|                     | Cadmium - Cd (< 2.704 ug/g)                             | Pass                                 |
|                     | Mercury - Hg (< 8.712 ug/g)                             | Pass                                 |
|                     | Lead - Pb (< 8.712 ug/g)                                | Pass                                 |
| <b>Pesticides</b>   | <i>See attachment A</i>                                 | Pass                                 |

## **Cannabinoid Analysis**

*Via High Performance Liquid Chromatography (HPLC) Analysis*

| Cannabinoid                                                | Percent by Weight (w/w) |
|------------------------------------------------------------|-------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 34.763%                 |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 30.139%                 |
| Cannabidiol Acid (CBD-A)                                   | 0.179%                  |
| Cannabidiol (CBD)                                          | <0.010%                 |
| Cannabigerol Acid (CBG-A)                                  | 2.814%                  |
| Cannabigerol (CBG)                                         | 1.283%                  |
| Cannabinol (CBN)                                           | <0.010%                 |
| Cannabichromene (CBC)                                      | 0.351%                  |

| Cannabinoid                                                | mg per mL of product |
|------------------------------------------------------------|----------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 333.72               |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 289.33               |
| Cannabidiol Acid (CBD-A)                                   | 1.72                 |
| Cannabidiol (CBD)                                          | <0.01                |
| Cannabigerol Acid (CBG-A)                                  | 27.01                |
| Cannabigerol (CBG)                                         | 12.32                |
| Cannabinol (CBN)                                           | <0.01                |
| Cannabichromene (CBC)                                      | 3.37                 |

## **Terpenoid Analysis**

*Via Gas Chromatography Mass Spectrometry (GC-MS) Analysis*

| Terpene                | Percent by Weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | 0.026%                  |
| $\beta$ -Pinene        | 0.063%                  |
| $\beta$ -Myrcene       | 0.185%                  |
| Limonene               | 0.201%                  |
| Ocimene                | 0.155%                  |
| Linalool               | 0.105%                  |
| $\beta$ -Caryophyllene | 0.358%                  |
| Humulene               | 0.110%                  |



Results Approved by: Jose A. Zavaleta, Director

## Attachment A

| Pesticide                         | Residue limits according to EPA<br>in parts per billion (ppb) | Results |
|-----------------------------------|---------------------------------------------------------------|---------|
| Avermectin (abamectin)            | < 10                                                          | Pass    |
| Acequinocyl                       | < 20                                                          | Pass    |
| Bifenazate                        | < 100                                                         | Pass    |
| Bifenthrin (synthetic pyrethroid) | < 50                                                          | Pass    |
| Cyfluthrin (synthetic pyrethroid) | < 20                                                          | Pass    |
| Etoxazole                         | < 10                                                          | Pass    |
| Imazalil                          | < 100                                                         | Pass    |
| Imidacloprid                      | < 50                                                          | Pass    |
| Myclobutanil                      | < 20                                                          | Pass    |
| Paclobutrazol                     | < 400                                                         | Pass    |
| Pyrethrins (synthetic)            | < 50                                                          | Pass    |
| Spinosad                          | < 10                                                          | Pass    |
| Spiromesifen                      | < 20                                                          | Pass    |
| Spirotetramat                     | < 200                                                         | Pass    |
| Trifloxystrobin                   | < 50                                                          | Pass    |