

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

Results issued on: 4/27/2018 COA No.: 56042718-L

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| 1803049A-WA-BB-1  | 2298-4    | Quality Control Analysis   |
|                   | 2298-5    |                            |
|                   | 2298-5    | Active Ingredient Analysis |
|                   | 2298-5    | Terpene Analysis           |
|                   | 2298-5    | Water Activity             |

### Quality Control Results

| <u>Analysis</u> | <u>Test Conducted</u>                                            | <u>Specification</u> | <u>Results (Pass/Fail)</u> |
|-----------------|------------------------------------------------------------------|----------------------|----------------------------|
| Microbiology    | Total Aerobic Microbial Count                                    | < 2,000 CFU/g        | Passed                     |
|                 | Total Yeast and Mold Count                                       | < 200 CFU/g          | Passed                     |
|                 | Bile-tolerant Gram-negative Bacteria/<br><i>Escherichia coli</i> | Not Present          | Passed                     |
| Mycotoxins      | Aflatoxin B1                                                     | < 20 ug/Kg           | Passed                     |
|                 | Aflatoxin B2                                                     | < 20 ug/Kg           | Passed                     |
|                 | Aflatoxin G1                                                     | < 20 ug/Kg           | Passed                     |
|                 | Aflatoxin G2                                                     | < 20 ug/Kg           | Passed                     |
|                 | Ochratoxin A                                                     | < 20 ug/Kg           | Passed                     |
| Heavy Metals    | Arsenic - As                                                     | < 4.206 ug/g         | Passed                     |
|                 | Cadmium - Cd                                                     | < 2.704 ug/g         | Passed                     |
|                 | Mercury - Hg                                                     | < 8.712 ug/g         | Passed                     |
|                 | Lead - Pb                                                        | < 8.712 ug/g         | Passed                     |
| Pesticides      | See attachment A                                                 |                      | Passed                     |

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### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight<br>(w/w) | mg per edible |
|------------------------------------------------------------|----------------------------|---------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.10%                     | 0.67          |
| Tetrahydrocannabinol (THC)                                 | 0.10%                      | 20.4          |
| Cannabidiol Acid (CBD-A)                                   | <0.10%                     | <0.01         |
| Cannabidiol (CBD)                                          | <0.10%                     | <0.01         |
| Cannabigerol Acid (CBG-A)                                  | <0.10%                     | <0.01         |
| Cannabigerol (CBG)                                         | <0.10%                     | 0.17          |
| Cannabinol (CBN)                                           | <0.10%                     | 0.17          |
| Cannabichromene (CBC)                                      | <0.10%                     | 0.17          |

### Terpene Content Results

*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight<br>(w/w) |
|------------------------|----------------------------|
| $\alpha$ -Pinene       | <0.1%                      |
| $\beta$ -Pinene        | <0.1%                      |
| $\beta$ -Myrcene       | <0.1%                      |
| Limonene               | <0.1%                      |
| Ocimene                | <0.1%                      |
| Linalool               | <0.1%                      |
| $\beta$ -Caryophyllene | <0.1%                      |
| Humulene               | <0.1%                      |

**Water Activity and pH**

| Water Activity<br>(Aw) | pH   |
|------------------------|------|
| 0.78                   | 5.64 |



Results Approved by: Jose A. Zavaleta, Lab Director

### **Attachment A**

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

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