

[illegible]

Customer Name: Advanced Grow Labs, LLC  
Customer Address: 400 Frontage Road  
West Haven, CT 06516  
Phone Number: 475-227-0028

Results issued on: 8/17/2016 COA No.: 21081716-A

| Client Lot Number | Sample ID | Tests Conducted                |
|-------------------|-----------|--------------------------------|
| SBO-160812-RV     | 3176-5    | Active Ingredient Analysis     |
|                   | 3176-5    | Terpene Analysis               |
|                   | 3176-5    | Water Activity and pH Analysis |

### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 32.78-gram cookie |
|------------------------------------------------------------|-------------------------|--------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.1%                   | <0.1                     |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 0.1%                    | 20.0                     |
| Cannabidiol Acid (CBD-A)                                   | <0.1%                   | <0.1                     |
| Cannabidiol (CBD)                                          | <0.1%                   | <0.1                     |
| Cannabigerol Acid (CBG-A)                                  | <0.1%                   | <0.1                     |
| Cannabigerol (CBG)                                         | <0.1%                   | <0.1                     |
| Cannabinol (CBN)                                           | <0.1%                   | <0.1                     |
| Cannabichromene (CBC)                                      | <0.1%                   | <0.1                     |

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Client Lot Number: SBO-160812-RV

### **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   |
|------------------------|------|
| 0.81                   | 6.27 |

  
Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **SBO-160812-RV**



PURE ANALYTICS, INC.  
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Tel: (860) 224-6668

Customer Name: Advanced Grow Labs, LLC  
Customer Address: 400 Frontage Road  
West Haven, CT 06516  
Phone Number: 475-227-0028

Results issued on: 8/8/2016 COA No.: 21080816-A

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| SBO160814         | 3174-3    | Quality Control Analysis   |
|                   | 3174-4    | Active Ingredient Analysis |
|                   | 3174-4    | Terpene Analysis           |

### Quality Control Results

| <u>Test</u>  | <u>Specification</u>                           | <u>Results</u><br>(Pass/Fail) |
|--------------|------------------------------------------------|-------------------------------|
| Microbiology | Total Aerobic Microbial Count (< 2K CFU/g)     | Pass                          |
|              | Total Yeast and Mold Count (< 200 CFU/g)       | Pass                          |
|              | Bile-tolerant Gram-negative Bacteria (absence) | Pass                          |
|              | <i>Staph. aureus</i> (absence)                 | Pass                          |
|              | <i>Pseud. aeruginosa</i> (absence)             | Pass                          |
| Mycotoxins   | Aflatoxin B1 (< 20 ug/Kg)                      | Pass                          |
|              | Aflatoxin B2 (< 20 ug/Kg)                      | Pass                          |
|              | Aflatoxin G1 (< 20 ug/Kg)                      | Pass                          |
|              | Aflatoxin G2 (< 20 ug/Kg)                      | Pass                          |
|              | Ochratoxin A (< 20 ug/Kg)                      | Pass                          |
| Heavy Metals | 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                          |
| Pesticides   | See attachment A                               | Pass                          |

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Client Lot Number: **SBO160814**



### **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) |
|------------------------------------------------------------|-------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 0.1%                    |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 71.9%                   |
| Cannabidiol Acid (CBD-A)                                   | 0.1%                    |
| Cannabidiol (CBD)                                          | 0.1%                    |
| Cannabigerol Acid (CBG-A)                                  | 0.5%                    |
| Cannabigerol (CBG)                                         | 1.4%                    |
| Cannabinol (CBN)                                           | 1.1%                    |
| Cannabichromene (CBC)                                      | 1.1%                    |

### **Terpene Content Results**

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

| Terpene                | Percent by weight (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 | 0.3%                    |
| Humulene               | 0.1%                    |

  
 Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **SBO160814**

### 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    |



