

**Cannabidiol D 1:1 Vcapsules - 10 x 40mg**

**Advanced Grow Labs**  
400 Frontage Road  
West Haven, CT 06516

|                      |                        |                    |
|----------------------|------------------------|--------------------|
| <b>OPC Lic #:</b>    | <b>Batch #:</b>        | <b>Package ID:</b> |
| 1                    | AGL-C40-<br>MP160311VC | 1671               |
| <b>Harvest Date:</b> | <b>Vendor Type:</b>    | <b>Strain:</b>     |

|                       |                         |                    |
|-----------------------|-------------------------|--------------------|
| <b>Packaged Date:</b> | <b>Expiration Date:</b> |                    |
| 04-06-2016            | 03-29-2017              |                    |
| <b>Gross Weight:</b>  | <b>Net Weight:</b>      | <b>MIP Weight:</b> |
| 22.17 GR              | 4.60 GR                 |                    |



1671

**Ingredients:**

Vegetable Capsules, Organic Coconut Oil, Safflower Oil,  
Cannabidiol D Cannabis Oil. Dosage Form: Gelatin Capsule x  
10. Total THC 20mg per capsule, Total CBD 21.8mg per capsule

**Cannabidiol D PURE CANNABIS OIL POTENCY** THC-A 0.1%,  
THC 30.8%, CBD-A 3.3%, CBD 31.6%, CBG-A 0.3%, CBG  
0.9%, CBN 0.6%, CBC 1.6%

**Cannabidiol D Blended Oil Potency**

Advanced Grow Labs      Tested On: 2016-03-29

|       |       |       |      |
|-------|-------|-------|------|
| THC:  | 5.3%  | CBD:  | 5.1% |
| THCA: | <0.1% | CBDA: | 0.7% |
| DTHC: | N/T   | CBN:  | 0.1% |

Microbiology, Mycotoxins, Heavy Metals, Pesticides, ALL  
PASS. Terpenoids Present: A-Pinene, B-Pinene,  
B-Myrcene, Limonene, Ocimene, Linalool,  
Beta-Caryophyllene, Humulene. This product contains the  
equivalent of 1.6g of flower.

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

Results issued on: 3/31/2016 COA No.: 21033116-C

| Client Lot Number | Sample ID  | Test Conducted             |
|-------------------|------------|----------------------------|
| MP160311VC20MG    | 21032916-1 | Active Ingredient Analysis |
|                   | 21032916-1 | Terpene Analysis           |

### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 396.0 uL of product |
|------------------------------------------------------------|-------------------------|----------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.1%                   | <0.1                       |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 5.3%                    | 20.0                       |
| Cannabidiol Acid (CBD-A)                                   | 0.7%                    | 2.6                        |
| Cannabidiol (CBD)                                          | 5.1%                    | 19.2                       |
| Cannabigerol Acid (CBG-A)                                  | <0.1%                   | <0.1                       |
| Cannabigerol (CBG)                                         | 0.2%                    | 0.8                        |
| Cannabinol (CBN)                                           | 0.1%                    | 0.4                        |
| Cannabichromene (CBC)                                      | <0.1%                   | <0.1                       |

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Client Lot Number: MP160311VC20MG

### **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 | 0.1%                    |
| Humulene               | <0.1%                   |



Results Approved by: Jose A. Zavaleta, Director

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

1:1 oil batch

Results issued on: 3/14/2016 COA No.: 21031416-I

| Client Lot Number | Sample ID   | Test Conducted             |
|-------------------|-------------|----------------------------|
| MP160311          | 21031116-15 | Active Ingredient Analysis |
|                   | 21031116-15 | Terpene Analysis           |

### **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)        | 30.8%                   |
| Cannabidiol Acid (CBD-A)                                   | 3.3%                    |
| Cannabidiol (CBD)                                          | 31.6%                   |
| Cannabigerol Acid (CBG-A)                                  | 0.3%                    |
| Cannabigerol (CBG)                                         | 0.9%                    |
| Cannabinol (CBN)                                           | 0.6%                    |
| Cannabichromene (CBC)                                      | 1.6%                    |

### **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       | 0.3%                    |
| Limonene               | 0.1%                    |
| Ocimene                | <0.1%                   |
| Linalool               | 0.1%                    |
| $\beta$ -Caryophyllene | 0.4%                    |
| Humulene               | 0.2%                    |

  
Results Approved by: Jose A. Zavaleta, Director

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

1 of 2  
Oils combined to create 1:1

Results issued on: 10/1/2015 COA No.: 21100115-A

| Sample ID   | Test Conducted             | Client Lot Number |
|-------------|----------------------------|-------------------|
| 21092915-10 | Quality Control Analysis   | MP150928          |
| 21092915-11 | Active Ingredient Analysis |                   |
| 21092915-11 | Terpene Content Analysis   |                   |

### Quality Control Results

| <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 (absence) | Pass                                 |
|                     | <i>Staph. aureus</i> (absence)                 | Pass                                 |
|                     | <i>Pseud. aeruginosa</i> (absence)             | Pass                                 |
| <b>Mycotoxins</b>   | 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                                 |
| <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>   | See attachment A                               | Pass                                 |

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**Active Ingredient Results**  
*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) |
|------------------------------------------------------------|-------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 1.856%                  |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 22.879%                 |
| Cannabidiol Acid (CBD-A)                                   | 4.341%                  |
| Cannabidiol (CBD)                                          | 39.654%                 |
| Cannabigerol Acid (CBG-A)                                  | 0.395%                  |
| Cannabigerol (CBG)                                         | 0.939%                  |
| Cannabinol (CBN)                                           | 0.444%                  |
| Cannabichromene (CBC)                                      | 0.010%                  |

**Terpene Content Results**  
*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | 0.056%                  |
| $\beta$ -Pinene        | <0.010%                 |
| $\beta$ -Myrcene       | 0.861%                  |
| Limonene               | 0.222%                  |
| Ocimene                | 0.010%                  |
| Linalool               | 0.130%                  |
| $\beta$ -Caryophyllene | 0.603%                  |
| Humulene               | 0.251%                  |



Results Approved by: Jose A. Zavaleta, Lab 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    |

Customer Name: Advanced Grow Labs, LLC

2 of 2

Customer Address: 400 Frontage Road

West Haven, CT 06516

Phone Number: 475-227-0028

Results issued on: 11/13/2015 COA No.: 21111315-B

| Sample ID  | Test Conducted             | Client Lot Number |
|------------|----------------------------|-------------------|
| 21111015-3 | Quality Control Analysis   | PW151106          |
| 21111015-4 | Active Ingredient Analysis |                   |
| 21111015-4 | Terpene Content Analysis   |                   |

### Quality Control Results

| <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 G2 (< 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                                 |

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**Active Ingredient Results**  
*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) |
|------------------------------------------------------------|-------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 0.202%                  |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 56.608%                 |
| Cannabidiol Acid (CBD-A)                                   | 2.202%                  |
| Cannabidiol (CBD)                                          | 16.291%                 |
| Cannabigerol Acid (CBG-A)                                  | 0.460%                  |
| Cannabigerol (CBG)                                         | 1.154%                  |
| Cannabinol (CBN)                                           | 0.945%                  |
| Cannabichromene (CBC)                                      | 1.294%                  |

**Terpene Content Results**  
*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | 0.070%                  |
| $\beta$ -Pinene        | <0.010%                 |
| $\beta$ -Myrcene       | 0.578%                  |
| Limonene               | 0.153%                  |
| Ocimene                | 0.026%                  |
| Linalool               | 0.211%                  |
| $\beta$ -Caryophyllene | 0.811%                  |
| Humulene               | 0.289%                  |



Results Approved by: Jose A. Zavaleta, Lab 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    |

