

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

## Cannabidiol D 1:13 Sublingual Spray - 200mg

NDC: 3703

Batch: AGL-MP-F5H2-170417-SS  
Ingredients: Food Grade Ethyl Alcohol, Food Grade  
Propylene Glycol, Peppermint Oil, Cannabis Oil.

Packaging Date: 08/17/2017 Net Wt: 2.44 g  
Expiration Date: 08/17/2018 0.08 oz  
Testing Date: 08/17/2017

Flower Equivalence: 0.8 grams  
Microbiology, Mycotoxins, Heavy Metals,  
Pesticides - ALL PASS

Contains Terpenes:

|           |         |                 |         |
|-----------|---------|-----------------|---------|
| a-Pinene  | < 0.1 % | Odorless        | < 0.1 % |
| B-Pinene  | < 0.1 % | Linalool        | < 0.1 % |
| B-Myrcene | < 0.1 % | B-Caryophyllene | < 0.1 % |
| Limonene  | < 0.1 % | Humulene        | < 0.1 % |

Cannabinoid Content per Unit:

|          |         |        |          |         |        |          |        |
|----------|---------|--------|----------|---------|--------|----------|--------|
| THC-A    | THC     | CBD-A  | CBD      | CBG-A   | CBG    | CBN      | CBC    |
| < 0.1 mg | 14.6 mg | 9.8 mg | 185.4 mg | 2.14 mg | 2.4 mg | < 0.1 mg | 7.3 mg |
| < 0.1 %  | 0.6 %   | 0.4 %  | 7.6 %    | 0.1 %   | 0.1 %  | < 0.1 %  | 0.3 %  |

Cannabidiol D 1:13

Sublingual Spray

NDC: 3703 Expiration: 8/17/18

See packaging for more info

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

Results issued on: 8/17/2017 COA No.: 21081717-A

| Client Lot Number | Sample ID | Test Conducted             |
|-------------------|-----------|----------------------------|
| MP-F5H2-170417-SS | 3266-1    | Active Ingredient Analysis |
|                   | 3266-1    | Terpene Analysis           |

### **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 2.44 grams of product |
|------------------------------------------------------------|-------------------------|------------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.1%                   | <0.1                         |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 0.6%                    | 14.6                         |
| Cannabidiol Acid (CBD-A)                                   | 0.4%                    | 9.8                          |
| Cannabidiol (CBD)                                          | 7.6%                    | 185.4                        |
| Cannabigerol Acid (CBG-A)                                  | 0.1%                    | 2.14                         |
| Cannabigerol (CBG)                                         | 0.1%                    | 2.4                          |
| Cannabinol (CBN)                                           | <0.1%                   | <0.1                         |
| Cannabichromene (CBC)                                      | 0.3%                    | 7.3                          |

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Client Lot Number: MP-F5H2-170417-SS

### **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%                      |



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **MP-F5H2-170417-SS**



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

Results issued on: 4/22/2017 COA No.: 21042117-A

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| MP-F5H2-170417-O  | 3241-1    | Quality Control Analysis   |
|                   | 3241-2    |                            |
|                   | 3241-2    | Active Ingredient Analysis |
|                   | 3241-2    | Terpene Analysis           |

### Quality Control Results

| <u>Analysis</u> | <u>Test Conducted</u>                | <u>Specification</u> | <u>Results</u><br>(Pass/Fail) |
|-----------------|--------------------------------------|----------------------|-------------------------------|
| Microbiology    | Total Aerobic Microbial Count        | < 2,000 CFU/g        | Passed                        |
|                 | Total Yeast and Mold Count           | < 200 CFU/g          | Passed                        |
|                 | Bile-tolerant Gram-negative Bacteria | Not Present          | Passed                        |
|                 | <i>Staphylococcus aureus</i>         | Not Present          | Passed                        |
|                 | <i>Pseudomonas aeruginosa</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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Client Lot Number: MP-F5H2-170417-O



## **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 1 mL | mg per 3 mL | mg per 420-mg of product | mg per 530-mg of product |
|------------------------------------------------------------|-------------------------|-------------|-------------|--------------------------|--------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.1%                   | <0.1        | <0.1        | <0.1                     | <0.1                     |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 4.9%                    | 49.3        | 148.0       | 20.6                     | 26.0                     |
| Cannabidiol Acid (CBD-A)                                   | 3.5%                    | 35.2        | 105.7       | 14.7                     | 18.6                     |
| Cannabidiol (CBD)                                          | 68.4%                   | 688.6       | 2065.7      | 287.3                    | 362.5                    |
| Cannabigerol Acid (CBG-A)                                  | 0.5%                    | 5.0         | 15.1        | 2.1                      | 2.7                      |
| Cannabigerol (CBG)                                         | 0.8%                    | 8.1         | 24.2        | 3.4                      | 4.2                      |
| Cannabinol (CBN)                                           | <0.1%                   | <0.1        | <0.1        | <0.1                     | <0.1                     |
| Cannabichromene (CBC)                                      | 2.6%                    | 26.2        | 78.5        | 10.9                     | 13.8                     |

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

Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **MP-F5H2-170417-O**





### **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           |





TURN CAP OVER FOR EASY OPEN

PUSH  
DOWN  
& TURN

OPEN



→ CLOSE

ADVANCED GLASS

