

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

## Cannabidiol D 1:1 Pure VPen

439

NDC: 5011

Batch: MP-F9H1-180524-O-1:1

Ingredients: Cannabis Oil

Packaging Date: 06/20/2018 Net Wt: 0.58 g  
Expiration Date: 06/14/2019 0.02 oz

Testing Date: 06/14/2018

Flower Equivalence: 1.75 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

|                    |                        |
|--------------------|------------------------|
| < 0.10 % A-Pinene  | < 0.10 % Ocimene       |
| < 0.10 % B-Pinene  | 0.27 % Linalool        |
| < 0.10 % B-Myrcene | 0.77 % B-Caryophyllene |
| < 0.10 % Limonene  | 0.25 % Humulene        |

### Cannabinoid Content per Unit:

| THC-A     | THC    | CBD-A   | CBD    | CBG-A   | CBG     | CBN     | CBC     |
|-----------|--------|---------|--------|---------|---------|---------|---------|
| < 0.10 mg | 211 mg | 10.4 mg | 218 mg | 0.81 mg | 11.3 mg | 1.57 mg | 13.2 mg |
| < 0.10 %  | 36.4 % | 1.80 %  | 37.6 % | 0.14 %  | 1.95 %  | 0.27 %  | 2.28 %  |

Cannabidiol D 1:1

Pure VPen 439

NDC: 5011 Expiration: 6/14/19

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: 6/14/2018 COA No.: 21061418-A

| Client Lot Number    | Sample ID | Tests Conducted            |
|----------------------|-----------|----------------------------|
| MP-F9H1-180524-O-1:1 | 3340-1    | Quality Control Analysis   |
|                      | 3340-1    |                            |
|                      | 3340-1    | Active Ingredient Analysis |
|                      | 3340-1    | Terpene Analysis           |

### Quality Control Results

| <u>Analysis</u> | <u>Test Conducted</u>                | <u>Specification</u> | <u>Results</u><br><u>(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 | 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-F9H1-180524-O-1:1

### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 500-mg of product | mg per 580-mg of product | mg per 1000-mg of product |
|------------------------------------------------------------|-------------------------|--------------------------|--------------------------|---------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.10%                  | <0.10                    | <0.10                    | <0.10                     |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 36.4%                   | 182                      | 211                      | 364                       |
| Cannabidiol Acid (CBD-A)                                   | 1.80%                   | 9.00                     | 10.4                     | 18.0                      |
| Cannabidiol (CBD)                                          | 37.6%                   | 188                      | 218                      | 376                       |
| Cannabigerol Acid (CBG-A)                                  | 0.14%                   | 0.70                     | 0.81                     | 1.40                      |
| Cannabigerol (CBG)                                         | 1.95%                   | 9.75                     | 11.3                     | 19.5                      |
| Cannabinol (CBN)                                           | 0.27%                   | 1.35                     | 1.57                     | 2.70                      |
| Cannabichromene (CBC)                                      | 2.28%                   | 11.4                     | 13.2                     | 22.8                      |

### Terpene Content Results

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

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pine         | <0.10%                  |
| $\beta$ -Pinene        | <0.10%                  |
| $\beta$ -Myrcene       | <0.10%                  |
| Limonene               | <0.10%                  |
| Ocimene                | <0.10%                  |
| Linalool               | 0.27%                   |
| $\beta$ -Caryophyllene | 0.77%                   |
| Humulene               | 0.25%                   |



Results Approved by: Jose A. Zavaleta, Lab Director

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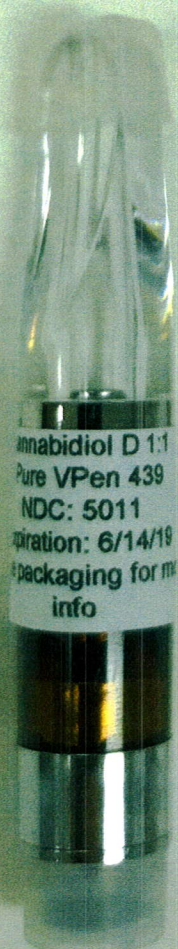
Client Lot Number: MP-F9H1-180524-O-1:1

### Attachment A

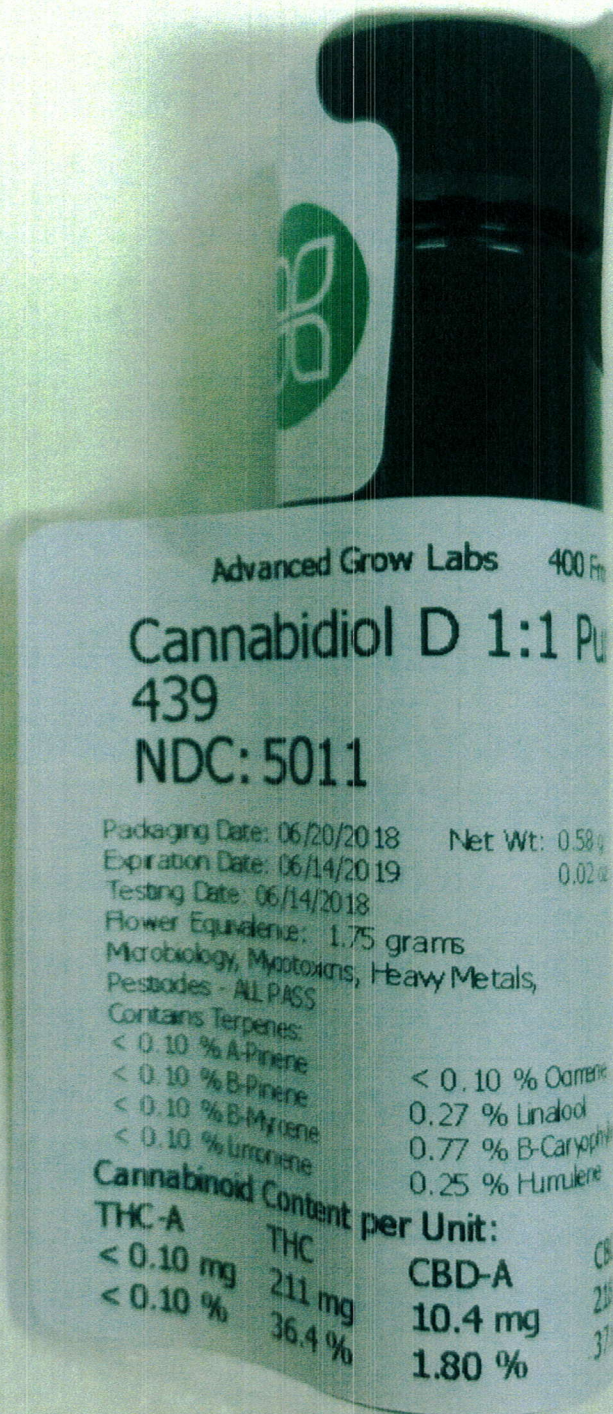
| Pesticide                         | Residue limits according to EPA<br>in parts per billion (ppb) | Results |
|-----------------------------------|---------------------------------------------------------------|---------|
| Avermectin (abamectin)            | < 10                                                          | 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    |

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Cannabidiol D 1:1  
Pure VPen 439  
NDC: 5011  
Expiration: 6/14/19  
Packaging for m  
info



Advanced Grow Labs 400 Fm  
Cannabidiol D 1:1 Pure  
439  
NDC: 5011

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Flower Equivalence: 1.75 grams

Microbiology, Mycotoxins, Heavy Metals,  
Pesticides - ALL PASS

Contains Terpenes:

< 0.10 %  $\alpha$ -Pinene

< 0.10 %  $\beta$ -Pinene

< 0.10 %  $\beta$ -Myrcene

< 0.10 % Limonene

< 0.10 % Camphene

0.27 % Linalool

0.77 %  $\beta$ -Caryophyllene

0.25 % Humulene

Cannabinoid Content per Unit:

THC-A

< 0.10 mg

< 0.10 %

THC

211 mg

36.4 %

CBD-A

10.4 mg

1.80 %

CBD

211 mg

37.1 %