

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

# Hybridol A VPen

330

NDC: 5269

Batch: AGL-GSC-F6H8-180828-P  
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 09/24/2018 Net Wt: 0.58 g  
Expiration Date: 09/24/2019 0.02 oz  
Testing Date: 09/24/2018

Flower Equivalence: 1.32 grams  
Microbiology, Mycotoxins, Heavy Metals,  
Pesticides - ALL PASS

Contains Terpenes:  
< 0.10 % A-Pinene < 0.10 % Ocimene 0.16 % A-Bisabolol  
< 0.10 % B-Pinene 0.47 % Linalool  
0.21 % B-Myrcene 1.26 % B-Caryophyllene  
0.50 % Limonene 0.52 % Humulene

## Cannabinoid Content per Unit:

| THC-A   | THC    | CBD-A     | CBD     | CBG-A   | CBG     | CBN     | CBC     |
|---------|--------|-----------|---------|---------|---------|---------|---------|
| 8.41 mg | 334 mg | < 0.10 mg | 0.93 mg | 1.22 mg | 11.7 mg | 7.66 mg | 4.52 mg |
| 1.45 %  | 57.6 % | < 0.10 %  | 0.16 %  | 0.21 %  | 2.11 %  | 1.32 %  | 0.78 %  |

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Hybridol A VPen 330

NDC: 5269 Expiration:

9/24/19

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: 9/24/2018 COA No.: 21092418-C

| Client Lot Number | Sample ID | Test Conducted             |
|-------------------|-----------|----------------------------|
| GSC-F6H8-180828-P | 3366-5    | Active Ingredient Analysis |
|                   | 3366-5    | Terpene Analysis           |

### 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) | 1.45%                   | 7.25                     | 8.41                     | 14.5                      |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 57.6%                   | 288                      | 334                      | 576                       |
| Cannabidiol Acid (CBD-A)                                   | <0.10%                  | <0.10                    | <0.10                    | <0.10                     |
| Cannabidiol (CBD)                                          | 0.16%                   | 0.80                     | 0.93                     | 1.60                      |
| Cannabigerol Acid (CBG-A)                                  | 0.21%                   | 1.05                     | 1.22                     | 2.10                      |
| Cannabigerol (CBG)                                         | 2.11%                   | 10.6                     | 11.7                     | 21.1                      |
| Cannabinol (CBN)                                           | 1.32%                   | 6.60                     | 7.66                     | 13.2                      |
| Cannabichromene (CBC)                                      | 0.78%                   | 3.90                     | 4.52                     | 7.80                      |

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Client Lot Number: GSC-F6H8-180828-P

### **Terpene Content Results**

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

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | <0.10%                  |
| $\beta$ -Pinene        | <0.10%                  |
| $\beta$ -Myrcene       | 0.21%                   |
| Limonene               | 0.50%                   |
| Ocimene                | <0.10%                  |
| Linalool               | 0.47%                   |
| $\beta$ -Caryophyllene | 1.26%                   |
| Humulene               | 0.52%                   |
| $\alpha$ -Bisabolol    | 0.16%                   |



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **GSC-F6H8-180828-P**



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

Results issued on: 9/10/2018 COA No.: 21091018-A

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| GSC F6H8 180828-O | 3364-2    | Quality Control Analysis   |
|                   | 3364-3    |                            |
|                   | 3364-3    | Active Ingredient Analysis |
|                   | 3364-3    | 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: GSC F6H8 180828-O

## 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) | 6.55%                   | 32.8                     | 38.0                     | 65.5                      |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 64.9%                   | 325                      | 376                      | 649                       |
| Cannabidiol Acid (CBD-A)                                   | 0.12%                   | 0.60                     | 0.70                     | 1.20                      |
| Cannabidiol (CBD)                                          | 1.43%                   | 7.15                     | 8.29                     | 14.3                      |
| Cannabigerol Acid (CBG-A)                                  | 0.62%                   | 3.10                     | 3.60                     | 6.20                      |
| Cannabigerol (CBG)                                         | 1.85%                   | 9.25                     | 10.7                     | 18.5                      |
| Cannabinol (CBN)                                           | 1.38%                   | 6.90                     | 8.00                     | 13.8                      |
| Cannabichromene (CBC)                                      | 1.11%                   | 5.55                     | 6.44                     | 11.1                      |

## Terpene Content Results

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

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | <0.10%                  |
| $\beta$ -Pinene        | <0.10%                  |
| $\beta$ -Myrcene       | <0.10%                  |
| Limonene               | <0.10%                  |
| Ocimene                | <0.10%                  |
| Linalool               | 0.36%                   |
| $\beta$ -Caryophyllene | 0.78%                   |
| Humulene               | 0.27%                   |
| $\alpha$ -Bisabolol    | 0.22%                   |



Results Approved by: Jose A. Zavaleta, Lab Director

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### 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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