

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

## Hybridol I 250 VPen - 250mg

V1

NDC: 2253

Batch: AGL-FP-160830-P  
Ingredients: Vaporizer Cartridge: Cannabis Oil,  
Polyethylene Glycol.

Packaging Date: 09/16/2016

Expiration Date: 09/15/2017

Testing Date: 09/15/2016

Flower Equivalence: 1.0 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

|           |         |                 |         |
|-----------|---------|-----------------|---------|
| a-Pinene  | < 0.1 % | Odorless        | < 0.1 % |
| B-Pinene  | < 0.1 % | Linalool        | 0.5 %   |
| B-Myrcene | 0.1 %   | B-Caryophyllene | 0.4 %   |
| Limonene  | 0.2 %   | Humulene        | 0.2 %   |

### Cannabinoid Content per Unit:

|         |          |        |          |        |        |        |        |
|---------|----------|--------|----------|--------|--------|--------|--------|
| THC-A   | THC      | CBD-A  | CBD      | CBG-A  | CBG    | CBN    | CBC    |
| 28.6 mg | 230.6 mg | 0.4 mg | < 0.1 mg | 3.4 mg | 2.9 mg | 0.8 mg | 1.3 mg |
| 6.8 %   | 54.9 %   | 0.1 %  | < 0.1 %  | 0.8 %  | 0.7 %  | 0.2 %  | 0.3 %  |

Hybridol I 250 VPen V1  
NDC#2253 Expiration: 9/15/17  
See vial for more information

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

Results issued on: 9/15/2016 COA No.: 21091516-A

| Client Lot Number | Sample ID | Test Conducted             |
|-------------------|-----------|----------------------------|
| FP-160830-P       | 3185-10   | Active Ingredient Analysis |
|                   | 3185-10   | Terpene Analysis           |

### **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 420 mg of product |
|------------------------------------------------------------|-------------------------|--------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 6.8%                    | 28.6                     |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 54.9%                   | 230.6                    |
| Cannabidiol Acid (CBD-A)                                   | 0.1%                    | 0.4                      |
| Cannabidiol (CBD)                                          | <0.1%                   | <0.1                     |
| Cannabigerol Acid (CBG-A)                                  | 0.8%                    | 3.4                      |
| Cannabigerol (CBG)                                         | 0.7%                    | 2.9                      |
| Cannabinol (CBN)                                           | 0.2%                    | 0.8                      |
| Cannabichromene (CBC)                                      | 0.3%                    | 1.3                      |

©2014 Pure Analytics, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. Pure Analytics, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by Pure Analytics, LLC

Client Lot Number: **FP-160830-P**

### **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               | 0.2%                       |
| Ocimene                | <0.1%                      |
| Linalool               | 0.5%                       |
| $\beta$ -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

Results issued on: 9/15/2016 COA No.: 21091516-C

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| FP-160830         | 3183-14   | Quality Control Analysis   |
|                   | 3183-15   |                            |
|                   | 3183-15   | Active Ingredient Analysis |
|                   | 3183-15   | Terpene Analysis           |

### Quality Control Results

| <u>Test</u>         | <u>Specification</u>                                    | <u>Results</u><br>(Pass/Fail) |
|---------------------|---------------------------------------------------------|-------------------------------|
| <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>   | See attachment A                                        | Pass                          |

©2014 Pure Analytics, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. Pure Analytics, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by Pure Analytics, LLC

Client Lot Number: FP-160830



### **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) |
|------------------------------------------------------------|-------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 8.4%                    |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 71.7%                   |
| Cannabidiol Acid (CBD-A)                                   | 0.1%                    |
| Cannabidiol (CBD)                                          | 0.1%                    |
| Cannabigerol Acid (CBG-A)                                  | 1.0%                    |
| Cannabigerol (CBG)                                         | 0.8%                    |
| Cannabinol (CBN)                                           | 0.3%                    |
| Cannabichromene (CBC)                                      | 0.4%                    |

### **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               | 0.2%                    |
| Ocimene                | <0.1%                   |
| Linalool               | 0.7%                    |
| $\beta$ -Caryophyllene | 0.6%                    |
| Humulene               | 0.2%                    |



Results Approved by: Jose A. Zavaleta, Lab Director

©2014 Pure Analytics, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. Pure Analytics, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by Pure Analytics, LLC

Client Lot Number: **FP-160830**

**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    |



