

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol D VPen
300
NDC: 4399

Batch: AGL-3C-F3H14-180306-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 04/04/2018 Net Wt: 0.52 g
Expiration Date: 04/03/2019 0.02 oz
Testing Date: 04/03/2018

Flower Equivalence: 1.20 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
a-Pinene < 0.10 % Ocimene < 0.10 %
B-Pinene < 0.10 % Linalool 0.14 %
B-Myrcene < 0.10 % B-Caryophyllene 1.01 %
Limonene < 0.10 % Humulene 0.30 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
5.76 mg	310 mg	0.52 mg	0.52 mg	3.14 mg	5.76 mg	1.57 mg	3.67 mg
1.10 %	59.1 %	0.10 %	0.10 %	0.60 %	1.10 %	0.30 %	0.70 %

Hybridol D VPen 300

NDC: 4399 Expiration: 4/3/19

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: 4/3/2018 COA No.: 21040318-B

Client Lot Number	Sample ID	Test Conducted
3C-F3H14-180306-P	3320-2	Active Ingredient Analysis
	3320-2	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 524-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.10%	5.50	5.76	11.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	59.1%	296	310	591
Cannabidiol Acid (CBD-A)	0.10%	0.50	0.52	1.00
Cannabidiol (CBD)	0.10%	0.50	0.52	1.00
Cannabigerol Acid (CBG-A)	0.60%	3.00	3.14	6.00
Cannabigerol (CBG)	1.10%	5.50	5.76	11.0
Cannabinol (CBN)	0.30%	1.50	1.57	3.00
Cannabichromene (CBC)	0.70%	3.50	3.67	7.00

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Client Lot Number: 3C-F3H14-180306-P

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	0.14%
β -Caryophyllene	1.01%
Humulene	0.30%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **3C-F3H14-180306-P**

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

Results issued on: 3/20/2018 COA No.: 21032018-A

Client Lot Number	Sample ID	Tests Conducted
3C-F3H14-180306-O	3319-1	Quality Control Analysis
	3319-2	
	3319-2	Active Ingredient Analysis
	3319-2	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (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: 3C-F3H14-180306-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 524-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.2%	6.0	6.3	12.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	67.6%	338.0	354.2	676.0
Cannabidiol Acid (CBD-A)	0.1%	0.5	0.5	1.0
Cannabidiol (CBD)	0.1%	0.5	0.5	1.0
Cannabigerol Acid (CBG-A)	0.7%	3.5	3.7	7.0
Cannabigerol (CBG)	1.3%	6.5	6.8	13.0
Cannabinol (CBN)	0.4%	2.0	2.1	4.0
Cannabichromene (CBC)	0.8%	4.0	4.2	8.0

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.1%
β -Pinene	<0.1%
β -Myrcene	<0.1%
Limonene	<0.1%
Ocimene	<0.1%
Linalool	0.1%
β -Caryophyllene	1.0%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Lab Director

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Attachment A

Pesticide	Residue limits according to EPA 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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Advanced Grow Labs 400 Fm

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300

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B-Myrcene	< 0.10 %	B-Caryophyllene	< 0.10 %
Limonene	< 0.10 %	Humulene	< 0.10 %

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