

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol F VPen

330

NDC: 5099

Batch: AG-CC-F4H15-180712-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 08/10/2018 Net Wt: 0.58 g
Expiration Date: 08/09/2019 0.02 oz
Testing Date: 08/09/2018
Flower Equivalence: 1.32 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
< 0.10 % A-Pinene < 0.10 % Odimene
< 0.10 % B-Pinene < 0.10 % Linalool
0.19 % B-Myrcene 0.96 % B-Caryophyllene
0.32 % Limonene 0.40 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
4.76 mg	342 mg	< 0.10 mg	1.16 mg	1.22 mg	9.69 mg	4.00 mg	5.97 mg
0.82 %	59.0 %	< 0.10 %	0.20 %	0.21 %	1.67 %	0.69 %	1.03 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Hybridol F VPen 330

NDC: 5099 Expiration:

8/9/19

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: 8/9/2018 COA No.: 21080918-C

Client Lot Number	Sample ID	Test Conducted
CC-F4H15-180712-P	3355-7	Active Ingredient Analysis
	3355-7	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
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.82%	4.10	4.76	8.20
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	59.0%	295	342	590
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.20%	1.00	1.16	2.00
Cannabigerol Acid (CBG-A)	0.21%	1.05	1.22	2.10
Cannabigerol (CBG)	1.67%	8.35	9.69	16.7
Cannabinol (CBN)	0.69%	3.45	4.00	6.90
Cannabichromene (CBC)	1.03%	5.15	5.97	10.3

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Client Lot Number: CC-F4H15-180712-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	0.19%
Limonene	0.32%
Ocimene	<0.10%
Linalool	<0.10%
β -Caryophyllene	0.96%
Humulene	0.40%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **CC-F4H15-180712-P**

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

Results issued on: 7/24/2018 COA No.: 21072418-A

Client Lot Number	Sample ID	Tests Conducted
CC-F4H15-180712-O	3352-1	Quality Control Analysis
	3352-2	
	3352-2	Active Ingredient Analysis
	3352-2	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results</u> (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: CC-F4H15-180712-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
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.02%	5.10	5.92	10.2
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	71.7%	359	416	717
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.26%	1.30	1.51	2.60
Cannabigerol Acid (CBG-A)	0.26%	1.30	1.51	2.60
Cannabigerol (CBG)	2.12%	10.6	12.3	21.2
Cannabinol (CBN)	0.86%	4.30	4.99	8.60
Cannabichromene (CBC)	1.28%	6.40	7.42	12.8

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	0.33%
Limonene	0.63%
Ocimene	<0.10%
Linalool	0.14%
β -Caryophyllene	1.05%
Humulene	0.35%



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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