

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol Y VPen

330

NDC: 5219

Batch: AGL-TR-F10H1-180709-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 08/26/2018 Net Wt: 0.58 g
Expiration Date: 08/26/2019 0.02 oz
Testing Date: 08/26/2018

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

Contains Terpenes:
< 0.10 % A-Pinene < 0.10 % Ocimene 0.12 % A-Bisabolol
< 0.10 % B-Pinene 0.55 % Linalool
0.24 % B-Myrcene 1.08 % B-Caryophyllene
0.62 % Limonene 0.29 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
38.9 mg	303 mg	< 0.10 mg	1.80 mg	2.26 mg	8.18 mg	2.55 mg	4.41 mg
6.70 %	52.2 %	< 0.10 %	0.31 %	0.39 %	1.41 %	0.44 %	0.76 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Hybridol Y VPen 330

NDC: 5219 Expiration:

8/26/19

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: 8/26/2018 COA No.: 21082618-A

Client Lot Number	Sample ID	Test Conducted
TR-F10H1-180709-P	3356-2	Active Ingredient Analysis
	3356-2	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 580-mg of product	mg per 1000-mg of product
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	6.70%	33.5	38.9	67.0
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	52.2%	261	303	522
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.31%	1.55	1.80	3.10
Cannabigerol Acid (CBG-A)	0.39%	1.95	2.26	3.90
Cannabigerol (CBG)	1.41%	7.05	8.18	14.1
Cannabinol (CBN)	0.44%	2.20	2.55	4.40
Cannabichromene (CBC)	0.76%	3.80	4.41	7.60

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Client Lot Number: TR-F10H1-180709-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	0.24%
Limonene	0.62%
Ocimene	<0.10%
Linalool	0.55%
β -Caryophyllene	1.08%
Humulene	0.29%
α -Bisabolol	0.12%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: TR-F10H1-180709-P

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

Results issued on: 7/17/2018 COA No.: 21071718-A

Client Lot Number	Sample ID	Tests Conducted
TR-F10H1-180709-O	3350-2	Quality Control Analysis
	3350-3	
	3350-3	Active Ingredient Analysis
	3350-3	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: TR-F10H1-180709-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)	8.01%	40.1	46.5	80.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	62.9%	315	365	629
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.41%	2.05	2.38	4.10
Cannabigerol Acid (CBG-A)	0.49%	2.45	2.84	4.90
Cannabigerol (CBG)	1.74%	8.70	10.1	17.4
Cannabinol (CBN)	0.55%	2.75	3.19	5.50
Cannabichromene (CBC)	0.94%	4.70	5.45	9.40

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.11%
β -Pinene	0.21%
β -Myrcene	0.56%
Limonene	1.31%
Ocimene	<0.10%
Linalool	1.03%
β -Caryophyllene	1.70%
Humulene	0.59%
Terpinolene	0.15%
Nerolidol 2	0.12%
Guaiol	0.11%
α -Bisabolol	0.27%



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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Packaging for more
info



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330
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Cannabinoid Content per Unit:
THC-A 38.9 mg
THC 303 mg
6.70 % 52.2 %
CBD-A 1.80 mg
CBD 0.31 mg
< 0.10 mg
< 0.10 %
PRODUCT WARNING: KEEP