

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Hybridol R VPen

300

NDC: 4629

Batch: AQL-GG4-F6H7-180416-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 05/04/2018 Net Wt: 0.52 g
Expiration Date: 05/03/2019 0.02 oz

Testing Date: 05/03/2018

Flower Equivalence: 1.2 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.10 %	Odorless	< 0.10 %
B-Pinene	< 0.10 %	Linalool	0.20 %
B-Myrcene	< 0.10 %	B-Caryophyllene	1.23 %
Limonene	0.10 %	Humulene	0.33 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
2.25 mg	300 mg	< 0.10 mg	0.52 mg	1.94 mg	7.28 mg	1.57 mg	4.51 mg
0.43 %	57.2 %	< 0.10 %	0.10 %	0.37 %	1.39 %	0.30 %	0.86 %

Hybridol R VPen 300

NDC:4629 Expiration:5/3/19

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: 5/3/2018 COA No.: 21050318-E

Client Lot Number	Sample ID	Test Conducted
GG4-F6H7-180416-P	3327-6	Active Ingredient Analysis
	3327-6	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)	0.43%	2.15	2.25	4.30
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	57.2%	286	300	572
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.10%	0.50	0.52	1.00
Cannabigerol Acid (CBG-A)	0.37%	1.85	1.94	3.70
Cannabigerol (CBG)	1.39%	6.95	7.28	13.9
Cannabinol (CBN)	0.30%	1.50	1.57	3.00
Cannabichromene (CBC)	0.86%	4.30	4.51	8.60

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Client Lot Number: GG4-F6H7-180416-P

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pine	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	0.10%
Ocimene	<0.10%
Linalool	0.20%
β -Caryophyllene	1.23%
Humulene	0.33%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **GG4-F6H7-180416-P**

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

Results issued on: 4/23/2018 COA No.: 21042318-G

Client Lot Number	Sample ID	Tests Conducted
GG-F6H7-180416-O	3325-9	Quality Control Analysis
	3325-10	
	3325-10	Active Ingredient Analysis
	3325-10	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: GG-F6H7-180416-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)	0.42%	2.10	2.20	4.20
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	67.9%	340	356	679
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.12%	0.60	0.63	1.20
Cannabigerol Acid (CBG-A)	0.43%	2.15	2.25	4.30
Cannabigerol (CBG)	1.64%	8.20	8.59	16.4
Cannabinol (CBN)	0.34%	1.70	1.78	3.40
Cannabichromene (CBC)	0.98%	4.90	5.14	9.80

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	0.18%
Ocimene	<0.10%
Linalool	0.32%
β -Caryophyllene	1.46%
Humulene	0.45%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **GG-F6H7-180416-O**

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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0.02g

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β -Myrcene < 0.10 % β -Caryophyllene

Limonene 0.10 % Humulene

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THC-A

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