

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol A 1:1 VPen

250

NDC: 3390

Batch: AGL-HQ-F5HB-170614-O-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 08/10/2017 Net Wt: 0.38 g
Expiration Date: 08/10/2018 0.01 oz

Testing Date: 08/10/2017

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	0.1 %
B-Myrcene	0.1 %	B-Caryophyllene	1.1 %
Limonene	< 0.1 %	Humulene	0.3 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	113.6 mg	5.7 mg	134.9 mg	1.9 mg	1.5 mg	1.5 mg	7.2 mg
< 0.1 %	29.9 %	1.5 %	35.5 %	0.5 %	0.4 %	0.4 %	1.9 %

Cannabidiol A 1:1 VPen 250
NDC: 3390 Expiration: 8/30/18
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: 8/10/2017 COA No.: 21080917-B

Client Lot Number	Sample ID	Test Conducted
HQ-F5H3-170614-O-P	3265-1	Active Ingredient Analysis
	3265-1	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 380 mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	29.9%	113.6
Cannabidiol Acid (CBD-A)	1.5%	5.7
Cannabidiol (CBD)	35.5%	134.9
Cannabigerol Acid (CBG-A)	0.5%	1.9
Cannabigerol (CBG)	0.4%	1.5
Cannabinol (CBN)	0.4%	1.5
Cannabichromene (CBC)	1.9%	7.2

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Client Lot Number: HQ-F5H3-170614-O-P

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	1.1%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **HQ-F5H3-170614-O-P**

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

Results issued on: 6/21/2017 COA No.: 21062117-A

Client Lot Number	Sample ID	Tests Conducted
HQ-F5H3-170614-O	3250-1	Quality Control Analysis
	3250-2	
	3250-2	Active Ingredient Analysis
	3250-2	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	<i>See attachment A</i>		Passed

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Client Lot Number: HQ-F5H3-170614-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 280-mg of product	mg per 420-mg of product	mg per 530-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1	<0.1	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	30.2%	84.6	126.8	160.1
Cannabidiol Acid (CBD-A)	1.4%	3.9	5.9	7.4
Cannabidiol (CBD)	36.5%	102.2	153.3	193.5
Cannabigerol Acid (CBG-A)	0.4%	1.1	1.7	2.1
Cannabigerol (CBG)	0.4%	1.1	1.7	2.1
Cannabinol (CBN)	0.4%	1.1	1.7	2.1
Cannabichromene (CBC)	2.0%	5.6	8.4	10.6

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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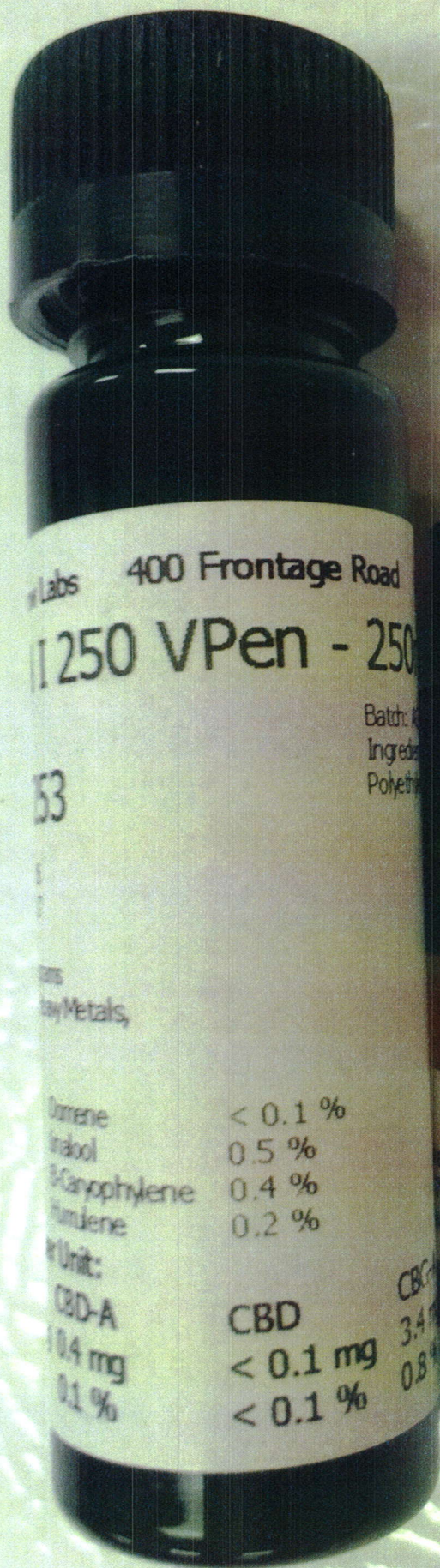
Client Lot Number: **HQ-F5H3-170614-O**

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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Client Lot Number: HQ-F5H3-170614-O



Marin Labs 400 Frontage Road

Marin L 250 VPen - 250mg/mL

Batch: 101118
Ingredients:
Polyethylene Glycol 400

53

Contains:
Heavy Metals,

Terpene	< 0.1 %
Alcohol	0.5 %
8-Cannophyllene	0.4 %
Humulene	0.2 %

Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

CBD-A
3.4 mg
0.8 %

Marin L 250 VPen
86 Expiration
for more info