

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:5 VPen

250

NDC: 3704

Batch: AGL-MP-F5H2-170417-O-1:5-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 08/18/2017 Net Wt: 0.38 g
Expiration Date: 08/17/2018 0.01 oz

Testing Date: 08/17/2017

Flower Equivalence: 1.00 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	0.3 %	B-Caryophyllene	0.3 %
Limonene	0.1 %	Humulene	0.1 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	40.3 mg	9.5 mg	206.3 mg	1.5 mg	3.0 mg	0.4 mg	8.4 mg
< 0.1 %	10.6 %	2.5 %	54.3 %	0.4 %	0.8 %	0.1 %	2.2 %

Cannabidiol D 1:5 VPen 250

NDC: 3704 Expiration: 8/17/18

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: 8/17/2017 COA No.: 21081717-D

Client Lot Number	Sample ID	Test Conducted
MP-F5H2-170417-O-1:5-P	3267-1	Active Ingredient Analysis
	3267-1	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)	10.6%	40.3
Cannabidiol Acid (CBD-A)	2.5%	9.5
Cannabidiol (CBD)	54.3%	206.3
Cannabigerol Acid (CBG-A)	0.4%	1.5
Cannabigerol (CBG)	0.8%	3.0
Cannabinol (CBN)	0.1%	0.4
Cannabichromene (CBC)	2.2%	8.4

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Client Lot Number: **MP-F5H2-170417-O-1:5-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	0.3%
Limonene	0.1%
Ocimene	<0.1%
Linalool	0.1%
β -Caryophyllene	0.3%
Humulene	0.1%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **MP-F5H2-170417-O-1:5-P**

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

Results issued on: 5/5/2017 COA No.: 21050517-B

Client Lot Number	Sample ID	Tests Conducted
MP-F5H2-170417-0 1:5	3243-4	Quality Control Analysis
	3243-5	
	3243-5	Active Ingredient Analysis
	3243-5	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: MP-F5H2-170417-0 1:5



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)	13.7%	38.4	7.9	72.6
Cannabidiol Acid (CBD-A)	3.1%	8.7	13.0	16.4
Cannabidiol (CBD)	63.6%	178.1	267.1	337.1
Cannabigerol Acid (CBG-A)	0.5%	1.4	2.1	2.7
Cannabigerol (CBG)	1.0%	2.8	4.2	5.3
Cannabinol (CBN)	0.1%	0.3	0.4	0.5
Cannabichromene (CBC)	2.5%	7.0	10.5	13.3

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	0.2%
Limonene	0.1%
Ocimene	<0.1%
Linalool	0.1%
β -Caryophyllene	0.4%
Humulene	0.2%

Results Approved by: Jose A. Zavaleta, Lab Director

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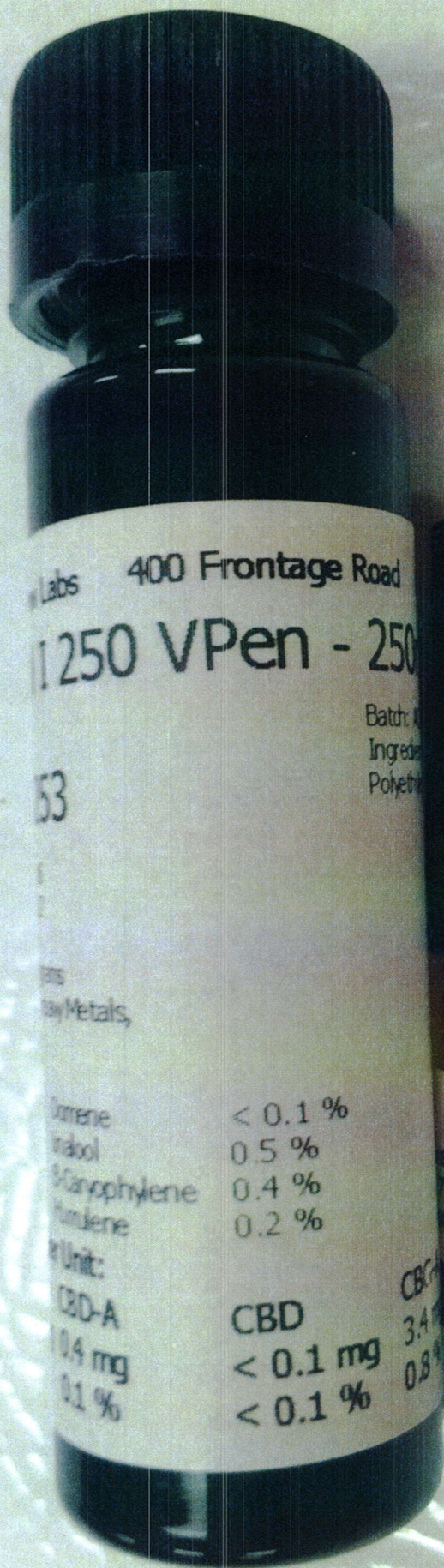
Client Lot Number: **MP-F5H2-170417-0 1:5**

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: **MP-F5H2-170417-0 1:5**



Labs 400 Frontage Road

1 250 VPen - 250

Batch: K
Ingredients
Polyethylene

53

Heavy Metals,

Terpene	< 0.1 %
Alcohol	0.5 %
Canophyllene	0.4 %
Humulene	0.2 %

Unit:

CBD-A

0.4 mg

0.1 %

CBD

< 0.1 mg

< 0.1 %

CBD

3.4

0.8

Marin L 250 VPen
86 Expiration
for more info