

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:1 VPen
250
NDC: 3348

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

Packaging Date: 07/06/2017 Net Wt: 0.42 g
Expiration Date: 07/05/2018 0.01 oz
Testing Date: 07/05/2017

Flower Equivalence: 1.0 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS
Contains Terpenes:

a-Pinene	< 0.1 %	Ocimene	< 0.1 %
B-Pinene	< 0.1 %	Linalool	0.2 %
B-Myrcene	0.2 %	B-Caryophyllene	0.4 %
Limonene	0.1 %	Humulene	0.2 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	124.3 mg	3.4 mg	122.2 mg	1.3 mg	5.0 mg	0.8 mg	6.3 mg
< 0.1 %	29.6 %	0.8 %	29.1 %	0.3 %	1.2 %	0.2 %	1.5 %

Cannabidiol D 1:1 VPen 250
NDC: 3348 Expiration: 7/5/18
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: 7/5/2017 COA No.: 21070317-A

Client Lot Number	Sample ID	Test Conducted
MP-F5H2-170417-O-1:1-P	3256-1	Active Ingredient Analysis
	3256-1	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 420 mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	29.6%	124.3
Cannabidiol Acid (CBD-A)	0.8%	3.4
Cannabidiol (CBD)	29.1%	122.2
Cannabigerol Acid (CBG-A)	0.3%	1.3
Cannabigerol (CBG)	1.2%	5.0
Cannabinol (CBN)	0.2%	0.8
Cannabichromene (CBC)	1.5%	6.3

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Client Lot Number: **MP-F5H2-170412-O-1:1-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	0.2%
Limonene	0.1%
Ocimene	<0.1%
Linalool	0.2%
β-Caryophyllene	0.4%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **MP-F5H2-170412-O-1:1-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-A

Client Lot Number	Sample ID	Tests Conducted
MP-F5H2-170417-0 1:1	3243-3	Quality Control Analysis
	3243-2	
	3243-2	Active Ingredient Analysis
	3243-2	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: MP-F5H2-170417-0 1:1

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)	40.4%	113.1	169.7	214.1
Cannabidiol Acid (CBD-A)	1.8%	5.0	7.6	9.4
Cannabidiol (CBD)	37.6%	105.3	157.9	199.3
Cannabigerol Acid (CBG-A)	0.5%	1.4	2.1	2.7
Cannabigerol (CBG)	1.4%	3.9	5.9	7.4
Cannabinol (CBN)	0.2%	0.6	0.8	1.1
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	0.2%
Limonene	0.2%
Ocimene	<0.1%
Linalool	0.3%
β -Caryophyllene	0.6%
Humulene	0.2%



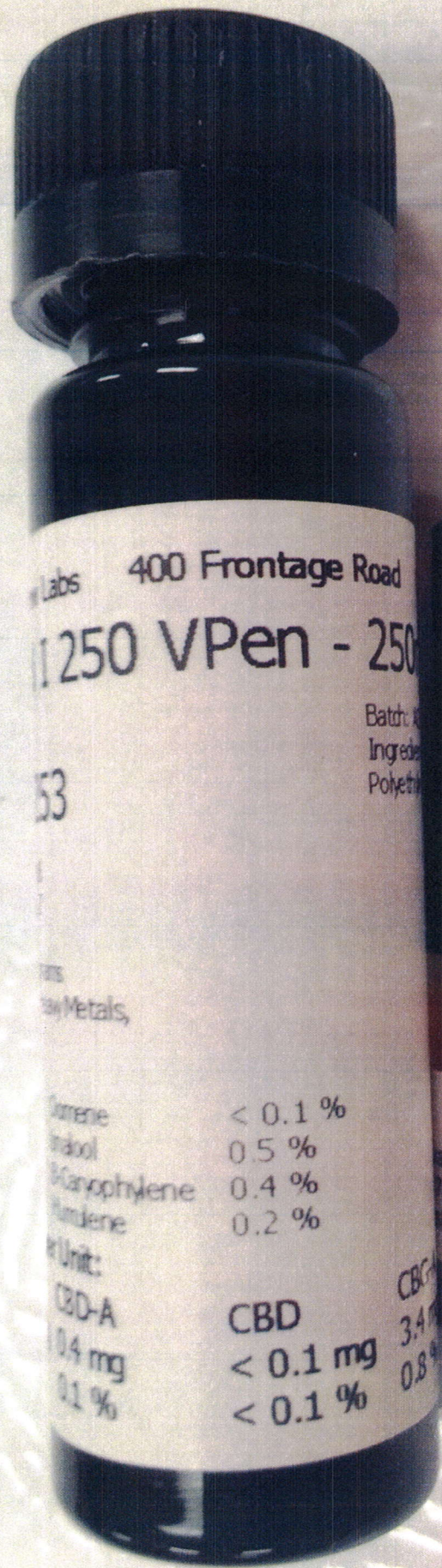
Results Approved by: Jose A. Zavaleta, Lab Director

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

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



400 Frontage Road

Marin L 250 VPen - 250

Batch:
Ingredients:
Polyethylene

53

Heavy Metals,

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

Unit:

CBD-A	CBD
0.4 mg	< 0.1 mg
0.1 %	< 0.1 %

CBD
3.4
0.8

Marin L 250 VPen
2018 Expiration
for more info