

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:1 VPen

250

NDC: 3718

Batch: AGL-MP-F6HB-170809-O-1:1P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 09/06/2017 Net Wt: 0.38 g
Expiration Date: 08/31/2018 0.01 oz

Testing Date: 08/31/2017

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	0.3 %
B-Myrcene	0.1 %	B-Caryophyllene	0.8 %
Limonene	0.1 %	Humulene	0.2 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	122.4 mg	12.5 mg	116.7 mg	1.9 mg	3.4 mg	0.8 mg	5.7 mg
< 0.1 %	32.2 %	3.3 %	30.7 %	0.5 %	0.9 %	0.2 %	1.5 %

Cannabidiol D 1:1 VPen 250

NDC: 3718 Expiration: 8/31/18

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: 8/31/2017 COA No.: 21083117-B

Client Lot Number	Sample ID	Test Conducted
MP-F6H3-170809-O-1:1P	3269-3	Active Ingredient Analysis
	3269-3	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)	32.2%	122.4
Cannabidiol Acid (CBD-A)	3.3%	12.5
Cannabidiol (CBD)	30.7%	116.7
Cannabigerol Acid (CBG-A)	0.5%	1.9
Cannabigerol (CBG)	0.9%	3.4
Cannabinol (CBN)	0.2%	0.8
Cannabichromene (CBC)	1.5%	5.7

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Client Lot Number: MP-F6H3-170809-O-1:1P

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	0.3%
β -Caryophyllene	0.8%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **MP-F6H3-170809-O-1:1P**

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

Results issued on: 8/24/2017 COA No.: 21082417-A

Client Lot Number	Sample ID	Tests Conducted
MP-F6H3-170809-O-1:1	3268-1	Quality Control Analysis
	3268-2	
	3268-2	Active Ingredient Analysis
	3268-2	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-F6H3-170809-O-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%	0.3	0.4	0.5
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	36.7%	102.8	154.1	194.5
Cannabidiol Acid (CBD-A)	3.6%	10.1	15.1	19.1
Cannabidiol (CBD)	35.3%	98.8	148.3	187.1
Cannabigerol Acid (CBG-A)	0.6%	1.7	2.5	3.2
Cannabigerol (CBG)	1.0%	2.8	4.2	5.3
Cannabinol (CBN)	0.2%	0.6	2.5	1.1
Cannabichromene (CBC)	1.6%	4.5	6.7	8.5

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	0.9%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Lab Director

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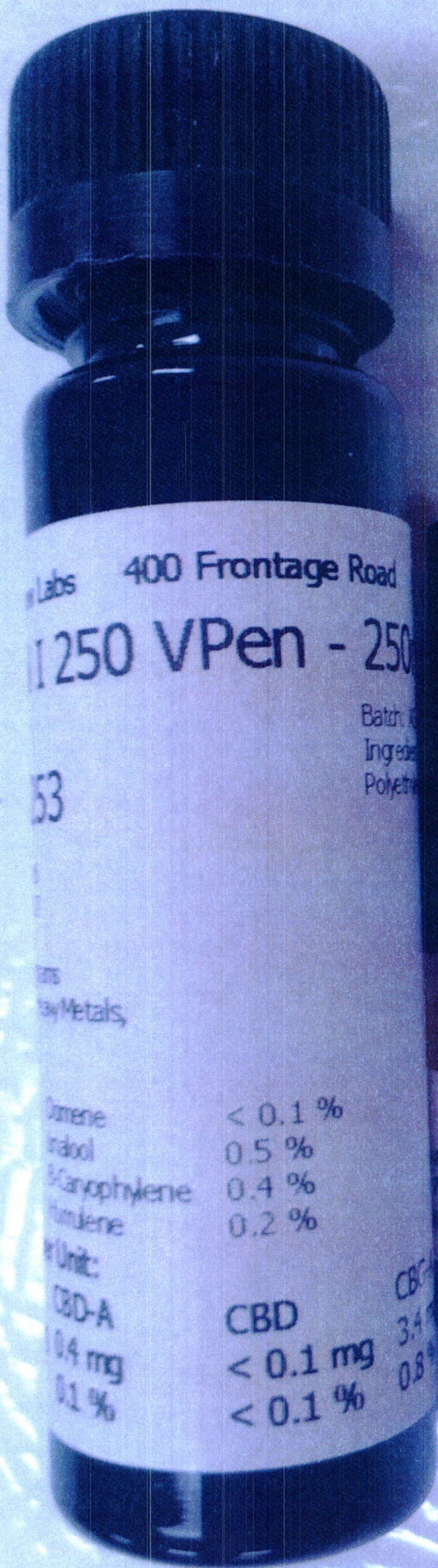
Client Lot Number: **MP-F6H3-170809-O-1:1**

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

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Client Lot Number: **MP-F6H3-170809-O-1:1**



400 Frontage Road

250 VPen - 250

Batch:
Ingredients:
Polyethylene

53

May Metals,

Terpene	< 0.1 %
Alcohol	0.5 %
β-Caryophyllene	0.4 %
Humulene	0.2 %

Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

CBD
3.4 mg
0.8 %

Marin L 250 VPen
288 Expiration
for more info