

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:1 Pure

210 VPen V1

NDC: 3117

Batch: AGL-MP-F5H1-170214-O-1:1
Ingredients: Cannabis Oil

Packaging Date: 03/17/2017 Net Wt: 0.28 g
Expiration Date: 03/17/2018 0.01 oz

Testing Date: 03/17/2017

Flower Equivalence: 0.84 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

α -Pinene	< 0.1 %	Odorless	< 0.1 %
B-Pinene	< 0.1 %	Linalool	0.2 %
B-Myrcene	0.1 %	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	105.8 mg	3.1 mg	101.6 mg	1.4 mg	4.2 mg	0.6 mg	5.6 mg
< 0.1 %	37.8 %	1.1 %	36.3 %	0.5 %	1.5 %	0.2 %	2.0 %

Cannabidiol D 1:1 Pure

210 VPen V1

NDC#3117 Expiration: 3/17/18

See vial for more information

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

Results issued on: 3/17/2017 COA No.: 21031317-A

Client Lot Number	Sample ID	Tests Conducted
MP-F5H1-170214-O-1:1	3232-1	Quality Control Analysis
	3232-2	Quality Control Analysis
	3232-2	Active Ingredient Analysis
	3232-2	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-F5H1-170214-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 530-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	37.8%	105.8	200.3
Cannabidiol Acid (CBD-A)	1.1%	3.1	5.8
Cannabidiol (CBD)	36.3%	101.6	192.4
Cannabigerol Acid (CBG-A)	0.5%	1.4	2.7
Cannabigerol (CBG)	1.5%	4.2	8.0
Cannabinol (CBN)	0.2%	0.6	1.1
Cannabichromene (CBC)	2.0%	5.6	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	0.2%
β -Caryophyllene	0.3%
Humulene	0.1%



Results Approved by: Jose A. Zavaleta, Lab Director

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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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