

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:4 Capsules - 10 x 20mg

NDC: 3309

Batch: AGL-MP-F5H2-170417-O-1:4 GC 20MG
Ingredients: Gelatin Capsules, MCT Oil (Contain
Coconut), Safflower Oil, Cannabis Oil. Capsules x 10.

Packaging Date: 07/06/2017 Net Wt: 4.5 g
Expiration Date: 07/05/2018 0.16 oz

Testing Date: 07/05/2017
Flower Equivalence: 0.8 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
a-Pinene < 0.1 % Ocimene < 0.1 %
B-Pinene < 0.1 % Linalool < 0.1 %
B-Myrcene < 0.1 % B-Caryophyllene < 0.1 %
Limonene < 0.1 % Humulene < 0.1 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	3.5 mg	0.8 mg	16.1 mg	< 0.1 mg	0.4 mg	< 0.1 mg	0.8 mg
< 0.1 %	0.9 %	0.2 %	4.1 %	< 0.1 %	0.1 %	< 0.1 %	0.2 %

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.: 21070517-A

Client Lot Number	Sample ID	Test Conducted
MP-F5H2-170417-O-1:4 GC 20MG	3255-1	Active Ingredient Analysis
	3255-1	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 420 uL of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.9%	3.5
Cannabidiol Acid (CBD-A)	0.2%	0.8
Cannabidiol (CBD)	4.1%	16.1
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	0.1%	0.4
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	0.2%	0.8

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Client Lot Number: **MP-F5H2-170417-O-1:4 GC 20MG**

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	<0.1%
Humulene	<0.1%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **MP-F5H2-170417-O-1:4 GC 20MG**

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

