

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol A 1:1 Water Soluble - 100mg

NDC: 4389

Batch: AG-HQ-F1H12-171018-O-1:1-WS-100MG
Ingredients: Water, Proprietary Blend, Cannabis Oil.

Packaging Date: 03/22/2018 Net Wt: 10.0 g
Expiration Date: 06/02/2018 0.35 oz 0.36 mg/Drop
Testing Date: 03/02/2018

Flower Equivalence: 0.40 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

α -Pinene	< 0.1 %	Odorless	< 0.1 %
β -Pinene	< 0.1 %	Linalool	< 0.1 %
β -Myrcene	< 0.1 %	β -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	50.0 mg	< 0.1 mg	50.0 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg
< 0.1 %	0.5 %	< 0.1 %	0.5 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %

Cannabidiol A 1:1

Water Soluble

NDC: 4389 Expiration: 3/6/19

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: 3/2/2018 COA No.: 21030218-A

Client Lot Number	Sample ID	Tests Conducted
HQ-F1H12-171018-O-1:1-WS-100MG	3314-1	Quality Control Analysis
	3314-2	Active Ingredient Analysis
	3314-2	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
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	<i>See attachment A</i>		Passed

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 10.0-grams of product	mg per 10.06 mL of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.5%	50.0	50.0
Cannabidiol Acid (CBD-A)	<0.1%	<0.1	<0.1
Cannabidiol (CBD)	0.5%	50.0	50.0
Cannabigerol Acid (CBG-A)	<0.1%	<0.1	<0.1
Cannabigerol (CBG)	<0.1%	<0.1	<0.1
Cannabinol (CBN)	<0.1%	<0.1	<0.1
Cannabichromene (CBC)	<0.1%	<0.1	<0.1

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, Lab Director

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Client Lot Number: **HQ-F1H12-171018-O-1:1-WS-100MG**

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

Results issued on: 11/8/2017 COA No.: 21110617-A

Client Lot Number	Sample ID	Tests Conducted
HQ-F1H12-171018-O-1:1	3286-3	Quality Control Analysis
	3286-4	
	3286-4	Active Ingredient Analysis
	3286-4	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
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: HQ-F1H12-171018-O-1:1

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 516-mg of product	mg per 524-mg of product	mg per 1000-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)	37.3%	192.5	195.5	373.0
Cannabidiol Acid (CBD-A)	1.9%	98.0	10.0	19.0
Cannabidiol (CBD)	35.4%	182.7	185.5	354.0
Cannabigerol Acid (CBG-A)	0.5%	2.6	2.6	5.0
Cannabigerol (CBG)	0.9%	4.6	4.7	9.0
Cannabinol (CBN)	0.3%	1.5	1.6	3.0
Cannabichromene (CBC)	2.1%	10.8	11.0	21.0

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	0.7%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Lab Director

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Attachment A

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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: HQ-F1H12-171018-O-1:1



ADVANCED GROW LABS
PUSH TURN & SEAL



Cannabidiol A 1:1 VPen 300
NDC: 4058



Cannabidiol A 1:1 VPen 300
NDC: 4058
Expiration: 12/19/19
See packaging for info