

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol A 1:1 Pure VPen

426

NDC: 5210

Batch: AGL-HQ-F3H15-180807-O
Ingredients: Cannabis Oil.

Packaging Date: 08/22/2018 Net Wt: 0.58 g
Expiration Date: 08/21/2019 0.02 oz
Testing Date: 08/21/2018

Flower Equivalence: 1.70 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Ocimene	0.13 % A-Bisabolol
< 0.10 % B-Pinene	< 0.10 % Linalool	
< 0.10 % B-Myrcene	0.15 % B-Caryophyllene	0.18 % Guaiol
< 0.10 % Limonene	< 0.10 % Humulene	

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.10 mg	210 mg	3.31 mg	213 mg	1.39 mg	7.77 mg	5.80 mg	17.3 mg
< 0.10 %	36.2 %	0.57 %	36.8 %	0.24 %	1.34 %	1.00 %	2.98 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Cannabidiol A 1:1
Pure VPen 426
NDC: 5210 Expiration: 8/21/19
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: 8/21/2018 COA No.: 21082118-C

Client Lot Number	Sample ID	Tests Conducted
HQF3H15-180807-O-1:1	3360-2	Quality Control Analysis
	3361-8	
	3360-2	Active Ingredient Analysis
	3360-2	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	See attachment A		Passed

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Client Lot Number: HQF3H15-180807-O-1:1

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 580-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.10%	<0.10	<0.10	<0.10
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	36.2%	181	210	362
Cannabidiol Acid (CBD-A)	0.57%	2.85	3.31	5.70
Cannabidiol (CBD)	36.8%	184	213	368
Cannabigerol Acid (CBG-A)	0.24%	1.20	1.39	2.40
Cannabigerol (CBG)	1.34%	6.70	7.77	13.4
Cannabinol (CBN)	1.00%	5.00	5.80	10.0
Cannabichromene (CBC)	2.98%	14.9	17.3	29.8

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	<0.10%
β -Caryophyllene	0.15%
Humulene	<0.10%
Guaiol	0.18%
α -Bisabolol	0.13%



Results Approved by: Jose A. Zavaleta, Lab Director

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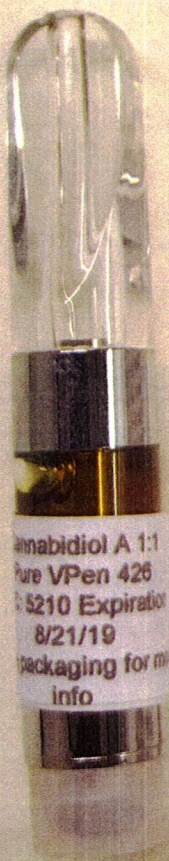
Client Lot Number: **HQF3H15-180807-O-1:1**

Attachment A

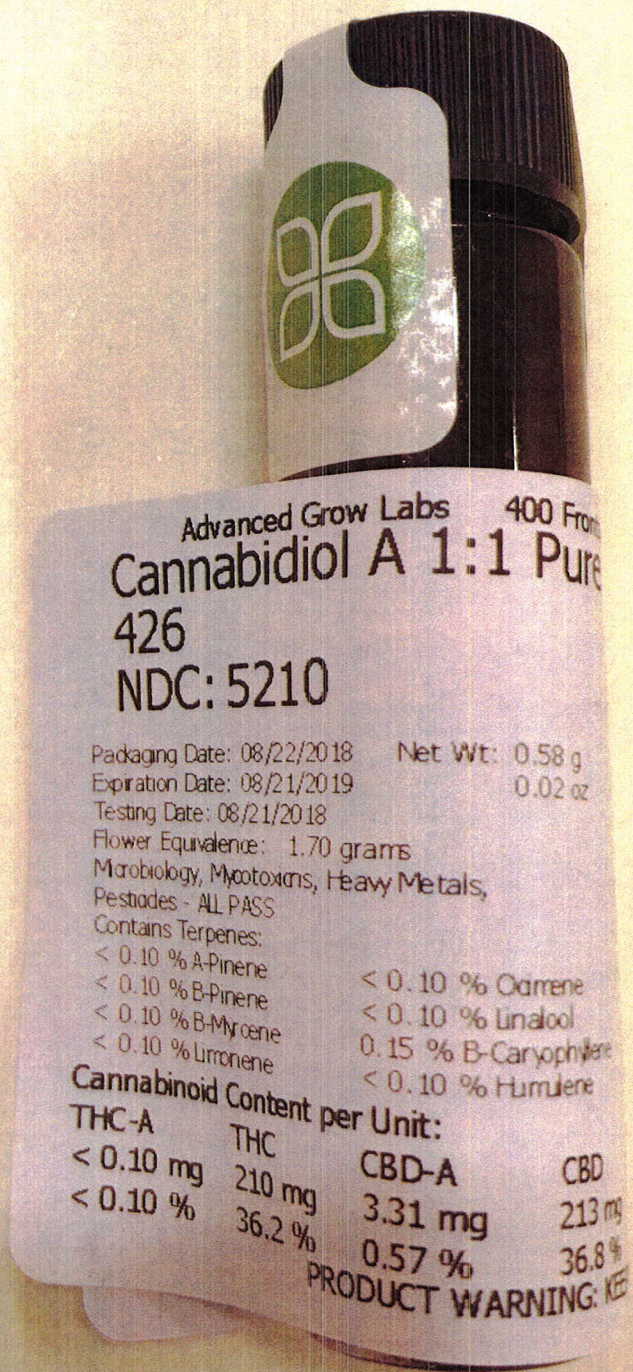
Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
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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Pure VPen 426
NDC 5210 Expiration
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