

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:5 Pure VPen

436

NDC: 5012

Batch: AGL-MP-F9H1-180524-O-1:5
Ingredients: Cannabis Oil

Packaging Date: 06/20/2018 Net Wt: 0.58 g
Expiration Date: 06/14/2019 0.02 oz

Testing Date: 06/14/2018

Flower Equivalence: 1.74 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Ocimene
< 0.10 % B-Pinene	< 0.10 % Linalool
< 0.10 % B-Myrcene	0.38 % B-Caryophyllene
< 0.10 % Limonene	0.16 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.10 mg	69.0 mg	18.6 mg	349 mg	1.51 mg	7.66 mg	1.22 mg	15.9 mg
< 0.10 %	11.9 %	3.20 %	60.1 %	0.26 %	1.32 %	0.21 %	2.74 %

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Pure VPen 436

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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: 6/14/2018 COA No.: 21061418-B

Client Lot Number	Sample ID	Tests Conducted
MP-F9H1-180524-O-1:5	3340-2	Quality Control Analysis
	3340-2	
	3340-2	Active Ingredient Analysis
	3340-2	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 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)	11.9%	59.5	69.0	119
Cannabidiol Acid (CBD-A)	3.20%	16.0	18.6	32.0
Cannabidiol (CBD)	60.1%	301	349	601
Cannabigerol Acid (CBG-A)	0.26%	1.30	1.51	2.60
Cannabigerol (CBG)	1.32%	6.60	7.66	13.2
Cannabinol (CBN)	0.21%	1.05	1.22	2.10
Cannabichromene (CBC)	2.74%	13.7	15.9	27.4

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pine	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	<0.10%
β -Caryophyllene	0.38%
Humulene	0.16%



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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< 0.10 % β -Myrcene
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< 0.10 % Odorless
< 0.10 % Linalool
0.38 % β -Caryophyllene
0.16 % Humulene

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