

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:5 VPen

330

NDC: 5066

Batch: AG-MP-F9H1-180524-1:5-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 07/17/2018 Net Wt: 0.58 g
Expiration Date: 07/16/2019 0.02 oz

Testing Date: 07/16/2018

Flower Equivalence: 1.32 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Ocimene	0.22 % A-Bisabolol
< 0.10 % B-Pinene	< 0.10 % Linalool	
< 0.10 % B-Myrcene	0.28 % B-Caryophyllene	0.19 % Guaiol
< 0.10 % Limonene	0.12 % Humulene	

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.10 mg	54.1 mg	14.4 mg	278 mg	0.99 mg	5.86 mg	0.93 mg	12.1 mg
< 0.10 %	9.33 %	2.49 %	48.0 %	0.17 %	1.01 %	0.16 %	2.08 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Cannabidiol D 1:5 VPen 330

NDC: 5066 Expiration:

7/16/19

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: 7/16/2018 COA No.: 21071618-B

Client Lot Number	Sample ID	Test Conducted
MP-F9H1-180524-1:5-P	3344-2	Active Ingredient Analysis
	3344-2	Terpene Analysis

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)	9.33%	46.7	54.1	93.3
Cannabidiol Acid (CBD-A)	2.49%	12.5	14.4	24.9
Cannabidiol (CBD)	48.0%	240	278	480
Cannabigerol Acid (CBG-A)	0.17%	0.85	0.99	1.70
Cannabigerol (CBG)	1.01%	5.05	5.86	10.1
Cannabinol (CBN)	0.16%	0.80	0.93	1.60
Cannabichromene (CBC)	2.08%	10.4	12.1	20.8

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Client Lot Number: MP-F9H1-180524-1:5-P

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	0.28%
Humulene	0.12%
Guaiol	0.19%
α -Bisabolol	0.22%



Results Approved by: Jose A. Zavaleta, Director

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	See attachment A		Passed

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Client Lot Number: MP-F9H1-180524-O-1:5

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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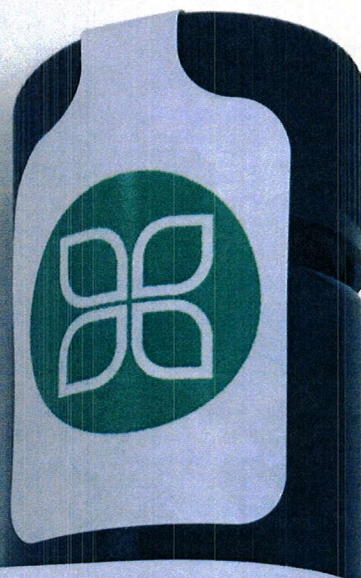
Client Lot Number: **MP-F9H1-180524-O-1:5**

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

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Client Lot Number: **MP-F9H1-180524-O-1:5**



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330
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Cannabinoid Content per Unit:

THC-A

THC

CBD-A

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54.1 mg

14.4 mg

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9.33 %

2.49 %

PRODUCT WARNING