Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:1 VPen 330

NDC: 5065

Batch: AGL-MP-F9H1-180524-1:1-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	0.26 % Linalool	
< 0.10 % B-Myrcene	0.55 % B-Caryophyllene	0.16 % Guaiol
< 0.10 % Limonene	0.20 % Humulene	

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.10 mg	166 mg	8.00 mg	170 mg	< 0.10 mg	8.76 mg	1.04 mg	10.1 mg
< 0.10 %	28.6 %	1.38 %	29.3 %	< 0.10 %	1.51 %	0.18 %	1.74 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Cannabidiol D 1:1 VPen 330
NDC: 5065 Expiration:
7/16/19
See packaging for more info

AltaSci
LABORATORIES
www.altascilabs.com

1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

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-A

Client Lot Number	Sample ID	Test Conducted
MP-F9H1-180524-1:1-P	3344-1	Active Ingredient Analysis
	3344-1	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)	28.6%	143	166	286
Cannabidiol Acid (CBD-A)	1.38%	6.90	8.00	13.8
Cannabidiol (CBD)	29.3%	147	170	293
Cannabigerol Acid (CBG-A)	<0.10%	<0.10	<0.10	<0.10
Cannabigerol (CBG)	1.51%	7.55	8.76	15.1
Cannabinol (CBN)	0.18%	0.90	1.04	1.80
Cannabichromene (CBC)	1.74%	8.70	10.1	17.4

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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	0.26%
β-Caryophyllene	0.55%
Humulene	0.20%
Guaiol	0.16%
α-Bisabolol	0.22%



Results Approved by: Jose A. Zavaleta, Director

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

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Tel: (860) 224-6668

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-A

Client Lot Number	Sample ID	Tests Conducted
MP-F9H1-180524-O-1:1	3340-1 3340-1	Quality Control Analysis
	3340-1	Active Ingredient Analysis
	3340-1	Terpene Analysis

Quality Control Results

Analysis	Test Conducted	Specification	Results (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
	Staphylococcus aureus	Not Present	Passed
	Pseudomonas aeruginosa	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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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)	36.4%	182	211	364
Cannabidiol Acid (CBD-A)	1.80%	9.00	10.4	18.0
Cannabidiol (CBD)	37.6%	188	218	376
Cannabigerol Acid (CBG-A)	0.14%	0.70	0.81	1.40
Cannabigerol (CBG)	1.95%	9.75	11.3	19.5
Cannabinol (CBN)	0.27%	1.35	1.57	2.70
Cannabichromene (CBC)	2.28%	11.4	13.2	22.8

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	0.27%
β-Caryophyllene	0.77%
Humulene	0.25%



Results Approved by: Jose A. Zavaleta, Lab Director

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

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



Advanced Grow Labs 400 F

Cannabidiol D 1:1 VPe

330

NDC: 5065

Packaging Date: 07/17/2018
Expiration Date: 07/16/2019
Testing Date: 07/16/2018

Net Wt: 0.58 g
0.02 oz

Flower Equivalence: 1.32 grams

Microbiology, Mycotoxicns, Heavy Metals, Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Ocimene
< 0.10 % B-Pinene	0.26 % Linalool
< 0.10 % B-Myrcene	0.55 % B-Caryophy
< 0.10 % Limonene	0.20 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CB
< 0.10 mg	166 mg	8.00 mg	1.7
< 0.10 %	28.6 %	1.38 %	29

PRODUCT WARNING