Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:5 Pure
200 VPen V1
NDC: 3116

Batch: AGL-MP-F5H1-170214-O-1:5
Ingredients: Cannabis Oil

Packaging Date: 03/17/2017 Net Wt: 0.28 g
Expiration Date: 03/17/2018 0.01 oz
Testing Date: 03/17/2017
Flower Equivalence: 0.81 grams
Microbiology, Mycotoxicns, Heavy Metals, Pesticides - ALL PASS
Contains Terpenes:

a-Pinene	< 0.1 %	Ocimene	< 0.1 %
B-Pinene	< 0.1 %	Linalool	< 0.1 %
B-Myrcene	0.1 %	B-Caryophylene	0.2 %
Limonene	0.1 %	Humulene	0.1 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	34.4 mg	5.0 mg	164.9 mg	1.1 mg	3.1 mg	0.3 mg	6.4 mg
< 0.1 %	12.3 %	1.8 %	58.9 %	0.4 %	1.1 %	0.1 %	2.3 %

Cannabidiol D 1:5 Pure
200 VPen V1
NDC#3116 Expiration: 3/17/18
See vial for more information

PURE ANALYTICS, INC.
www.pure-analytics.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: 3/17/2017 COA No.: 21031317-B

Client Lot Number	Sample ID	Tests Conducted
MP-F5H1-170214-O-1:5	3232-3 3232-4	Quality Control Analysis
	3232-4	Active Ingredient Analysis
	3232-4	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 280-mg of product	mg per 530-mg of product
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	<0.1%	<0.1	<0.1
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	12.3%	34.4	65.2
Cannabidiol Acid (CBD-A)	1.8%	5.0	9.5
Cannabidiol (CBD)	58.9%	164.9	312.2
Cannabigerol Acid (CBG-A)	0.4%	1.1	2.2
Cannabigerol (CBG)	1.1%	3.1	5.8
Cannabinol (CBN)	0.1%	0.3	0.5
Cannabichromene (CBC)	2.3%	6.4	12.2

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	0.2%
Humulene	0.1%

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

Client Lot Number: MP-F5H1-170214-O-1:5


400 Frontage Road
VPen - 250mg
Batch: AGL-FP-16080
Ingredients: Vapor
Polyethylene Glycol
< 0.1 %
0.5 %
0.4 %
0.2 %
CBD
< 0.1 mg
< 0.1 %
CBG-A
3.4 mg
0.8 %