Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:5 Pure 400 VPen - 400mg

V1

NDC: 2591

Batch: MP-160928 (1:5)
Ingredients: Cannabis Oil

Packaging Date: 10/11/2016 Net Wt: 0.53 g
Expiration Date: 10/06/2017 0.02 oz
Testing Date: 10/06/2016
Flower Equivalence: 1.6 grams
Microbiology, Mycotoxins, 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	0.3 %
Limonene	0.1 %	Humulene	0.2 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
1.1 mg	64.1 mg	9.0 mg	331.8 mg	2.7 mg	6.4 mg	1.1 mg	11.1 mg
0.2 %	12.1 %	1.7 %	62.6 %	0.5 %	1.2 %	0.2 %	2.1 %

Cannabidiol D 1:5 Pure 400
VPen V1
NDC#2591 Expiration: 10/6/17
See vial for more information

PURE ANALYTICS,INC.
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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: 10/6/2016 COA No.: 21100616-B

Client Lot Number	Sample ID	Tests Conducted
MP-160928 (1:5)	3190-5 3190-6	Quality Control Analysis
	3190-6	Active Ingredient Analysis
	3190-6	Terpene Analysis

Quality Control Results

Test	Specification	Results (Pass/Fail)
Microbiology	Total Aerobic Microbial Count **(< 2K CFU/g)**	**Pass**
	Total Yeast and Mold Count **(< 200 CFU/g)**	**Pass**
	Bile-tolerant Gram-negative Bacteria **(absence)**	**Pass**
	Staph. aureus **(absence)**	**Pass**
	Pseud. aeruginosa **(absence)**	**Pass**
Mycotoxins	Aflatoxin B1 **(< 20 ug/Kg)**	**Pass**
	Aflatoxin B2 **(< 20 ug/Kg)**	**Pass**
	Aflatoxin G1 **(< 20 ug/Kg)**	**Pass**
	Aflatoxin G2 **(< 20 ug/Kg)**	**Pass**
	Ochratoxin A **(< 20 ug/Kg)**	**Pass**
Heavy Metals	Arsenic - As **(< 4.206 ug/g)**	**Pass**
	Cadmium - Cd **(< 2.704 ug/g)**	**Pass**
	Mercury - Hg **(< 8.712 ug/g)**	**Pass**
	Lead - Pb **(< 8.712 ug/g)**	**Pass**
Pesticides	***See attachment A***	**Pass**

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 280-mg cartridge	mg per 530-mg cartridge
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	0.2%	0.5	1.1
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	12.1%	33.9	64.1
Cannabidiol Acid (CBD-A)	1.7%	4.8	9.0
Cannabidiol (CBD)	62.6%	175.3	331.8
Cannabigerol Acid (CBG-A)	0.5%	1.4	2.7
Cannabigerol (CBG)	1.2%	3.4	6.4
Cannabinol (CBN)	0.2%	0.6	1.1
Cannabichromene (CBC)	2.1%	5.9	11.1

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	0.3%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: MP-160928 (1:5)

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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-160928 (1:5)


400 Frontage Road
VPen - 250mg
Batch: AGL-FP-1600
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 %