Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:5 250 VPen - 250mg V3

NDC: 3106

Batch: AGL-MP-161213 1:5-2-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 03/06/2017 Net Wt: 0.42 g
Expiration Date: 03/01/2018 0.01 oz
Testing Date: 03/01/2017
Flower Equivalence: 1.15 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	43.7 mg	29.4 mg	215.0 mg	2.5 mg	3.8 mg	0.4 mg	8.4 mg
< 0.1 %	10.4 %	7.0 %	51.2 %	0.6 %	0.9 %	0.1 %	2.0 %

Cannabidiol D 1:5
250 VPen V3
NDC#3106 Expiration: 3/1/18
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: 3/1/2017 COA No.: 21030117-A

Client Lot Number	Sample ID	Test Conducted
MP-161213 1:5-2-P	3229-1	Active Ingredient Analysis
	3229-1	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 420 mg of product
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	<0.1%	<0.1
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	10.4%	43.7
Cannabidiol Acid (CBD-A)	7.0%	29.4
Cannabidiol (CBD)	51.2%	215.0
Cannabigerol Acid (CBG-A)	0.6%	2.5
Cannabigerol (CBG)	0.9%	3.8
Cannabinol (CBN)	0.1%	0.4
Cannabichromene (CBC)	2.0%	8.4

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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, Director

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Client Lot Number: MP-161213 1:5-2-P

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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: 1/17/2017 COA No.: 21101616-C

Client Lot Number	Sample ID	Tests Conducted
MP161223 1:5-2	3221-4 3221-5	Quality Control Analysis
	3221-5	Active Ingredient Analysis
	3221-5	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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Client Lot Number: MP161223 1:5-2

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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 420-mg of product	mg per 530-mg of product
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	<0.1%	<0.1	<0.1	<0.1
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	11.9%	33.3	50.0	63.1
Cannabidiol Acid (CBD-A)	7.5%	21.0	31.5	39.8
Cannabidiol (CBD)	55.4%	155.1	232.7	293.6
Cannabigerol Acid (CBG-A)	0.7%	2.0	2.9	3.7
Cannabigerol (CBG)	1.0%	2.8	4.2	5.3
Cannabinol (CBN)	0.1%	0.3	0.4	0.5
Cannabichromene (CBC)	2.2%	6.2	9.2	11.7

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	0.5%
Limonene	0.2%
Ocimene	<0.1%
Linalool	0.1%
β-Caryophyllene	0.5%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: MP161223 1:5-2

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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: MP161223 1:5-2


400 Frontage Road
250 VPen - 250
53
Metals,
< 0.1 %
0.5 %
0.4 %
0.2 %
CBD-A
CBD
0.4 mg
< 0.1 mg
0.1 %
< 0.1 %
for more info