

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:15 Syringe

V1

NDC: 2286

Batch: MP-160923
Ingredients: Cannabis Oil

Packaging Date: 10/04/2016 Net Wt: 3.0 g
Expiration Date: 09/27/2017 0.1 oz

Testing Date: 09/27/2016

Flower Equivalence: 8.9 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.1 %	Odorless	< 0.1 %
B-Pinene	< 0.1 %	Linalool	< 0.1 %
B-Myrcene	0.1 %	B-Caryophyllene	0.3 %
Limonene	0.1 %	Humulene	0.2 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
3.0 mg	141.0 mg	60.0 mg	2070.0 mg	15.0 mg	36.0 mg	3.0 mg	69.0 mg
0.1 %	4.7 %	2.0 %	69.9 %	0.5 %	1.2 %	0.1 %	2.3 %

Cannabidiol D 1:15 Syringe V1
NDC#2286 Expiration: 9/27/17
See vial for more information

Customer Name: Advanced Grow Labs, LLC
Customer Address: 400 Frontage Road
West Haven, CT 06516
Phone Number: 475-227-0028

Results issued on: 9/27/2016 COA No.: 21092716-B

Client Lot Number	Sample ID	Tests Conducted
MP-160923	3189-3	Quality Control Analysis
	3189-4	
	3189-4	Active Ingredient Analysis
	3189-4	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Specification</u>	<u>Results</u> <u>(Pass/Fail)</u>
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
	<i>Staph. aureus</i> (absence)	Pass
	<i>Pseud. aeruginosa</i> (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	<i>See attachment A</i>	Pass

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Client Lot Number: **MP-160923**

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 3.0-gram syringe
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.1%	3.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	4.7%	141.0
Cannabidiol Acid (CBD-A)	2.0%	60.0
Cannabidiol (CBD)	69.9%	2070.0
Cannabigerol Acid (CBG-A)	0.5%	15.0
Cannabigerol (CBG)	1.2%	36.0
Cannabinol (CBN)	0.1%	3.0
Cannabichromene (CBC)	2.3%	69.0

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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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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