

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D CBD Tincture 5x - 1g

V1

NDC: 2641

Batch: AGL-CBD-161101-PED-5x
Ingredients: MCT Oil (Contains Coconut), Cannabis Oil.

Packaging Date: 11/10/2016 Net Wt: 20.0 g
Expiration Date: 11/04/2017 0.71 oz
Testing Date: 11/04/2016

Flower Equivalence: 4.0 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	< 0.1 %
Limonene	< 0.1 %	Humulene	< 0.1 %

This Product is Not
Smokable.

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	66.3 mg	7.7 mg	998.2 mg	4.0 mg	17.0 mg	2.5 mg	33.6 mg
< 0.1 %	0.4 %	< 0.1 %	5.3 %	< 0.1 %	0.1 %	< 0.1 %	0.2 %

Cannabidiol D

CBD Tincture 5x V1

NDC#2641 Expiration:11/4/17

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: 11/4/2016 COA No.: 21110416-D

Client Lot Number	Sample ID	Test Conducted
CBD-161101-PED-5x	3201-4	Active Ingredient Analysis
	3201-4	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 20 mL
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.4%	66.3
Cannabidiol Acid (CBD-A)	<0.1%	7.7
Cannabidiol (CBD)	5.3%	998.2
Cannabigerol Acid (CBG-A)	<0.1%	4.0
Cannabigerol (CBG)	0.1%	17.0
Cannabinol (CBN)	<0.1%	2.5
Cannabichromene (CBC)	0.2%	33.6

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Client Lot Number: CBD-161101-PED-5x



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	<0.1%
Humulene	<0.1%

Results Approved by: Jose A. Zavaleta, Director

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

Results issued on: 10/26/2016 COA No.: 21102616-B

Client Lot Number	Sample ID	Tests Conducted
MP-161020CBD	3198-3	Quality Control Analysis
	3198-4	
	3198-4	Active Ingredient Analysis
	3198-4	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Specification</u>	<u>Results</u> (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
	<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	See attachment A	Pass

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Client Lot Number: MP-161020CBD

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%	0.3	0.4	0.5
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	4.4%	12.3	18.5	23.3
Cannabidiol Acid (CBD-A)	0.8%	2.2	3.4	4.2
Cannabidiol (CBD)	71.0%	198.8	298.2	376.3
Cannabigerol Acid (CBG-A)	0.4%	1.1	1.7	2.1
Cannabigerol (CBG)	1.2%	3.4	5.0	6.4
Cannabinol (CBN)	0.3%	0.8	1.3	1.6
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	0.1%
Limonene	0.1%
Ocimene	<0.1%
Linalool	<0.1%
β -Caryophyllene	0.5%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **MP-161020CBD**

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-161020CBD

