

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D CBDA Tincture 5x - 1g

V1

NDC: 2643

Batch: AGL-CBDA-161103-PED5X
Ingredients: MCT Oil (Contains Coconut), Cannabis Oil.

Packaging Date: 11/16/2016 Net Wt: 20.0 g
Expiration Date: 11/09/2017 0.71 oz

Testing Date: 11/09/2016

Flower Equivalence: 4.0 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-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
47.2 mg	4.6 mg	1062.4 mg	37.5 mg	17.3 mg	5.7 mg	< 0.1 mg	4.8 mg
0.2 %	< 0.1 %	5.6 %	0.2 %	0.1 %	< 0.1 %	< 0.1 %	< 0.1 %

Cannabidiol D

CBDA Tincture 5x V1

NDC#2643 Expiration:11/9/17

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: 11/9/2016 COA No.: 21110916-A

Client Lot Number	Sample ID	Test Conducted
CBDA-161103-PED5X	3202-3	Active Ingredient Analysis
	3202-3	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)	0.2%	47.2
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	<0.1%	4.6
Cannabidiol Acid (CBD-A)	5.6%	1062.4
Cannabidiol (CBD)	0.2%	37.5
Cannabigerol Acid (CBG-A)	0.1%	17.3
Cannabigerol (CBG)	<0.1%	5.7
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	<0.1%	4.8

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-161021CBDA	3198-5	Quality Control Analysis
	3198-6	
	3198-6	Active Ingredient Analysis
	3198-6	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-161021CBDA

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)	3.2%	9.0	13.4	17.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.3%	0.8	1.3	1.6
Cannabidiol Acid (CBD-A)	71.4%	199.9	299.9	378.4
Cannabidiol (CBD)	2.0%	5.6	8.4	10.6
Cannabigerol Acid (CBG-A)	1.2%	3.4	5.0	6.4
Cannabigerol (CBG)	0.4%	1.1	1.7	2.1
Cannabinol (CBN)	<0.1%	<0.1	<0.1	<0.1
Cannabichromene (CBC)	0.1%	0.3	0.4	0.5

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	0.4%
Limonene	0.2%
Ocimene	<0.1%
Linalool	<0.1%
β -Caryophyllene	0.8%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **MP-161021CBDA**

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

