

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D CBDA Tincture 1x - 200mg

V1

NDC: 2639

Batch: AGL-CBDA-161101-PED-1x
Ingredients: MCT Oil (Contains Coconut), Cannabis Oil.

Packaging Date: 11/08/2016 Net Wt: 20.0 g
Expiration Date: 11/03/2017 0.71 oz
Testing Date: 11/03/2016

Flower Equivalence: 0.8 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
10.2 mg	2.8 mg	223.7 mg	7.4 mg	3.2 mg	1.1 mg	< 0.1 mg	0.9 mg
0.1 %	< 0.1 %	1.2 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %

Cannabidiol D

CBDA Tincture 1x V1

NDC#2639 Expiration:11/3/17

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: 11/03/2016 COA No.: 21110316-C

Client Lot Number	Sample ID	Test Conducted
CBDA-161101-PED-1x	3201-7	Active Ingredient Analysis
	3201-7	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%	10.2
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	<0.1%	2.8
Cannabidiol Acid (CBD-A)	1.2%	223.7
Cannabidiol (CBD)	<0.1%	7.4
Cannabigerol Acid (CBG-A)	<0.1%	3.2
Cannabigerol (CBG)	<0.1%	1.1
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	<0.1%	0.9

©2014 Pure Analytics, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. Pure Analytics, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by Pure Analytics, LLC

Client Lot Number: CBDA-161101-PED-1x

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

©2014 Pure Analytics, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. Pure Analytics, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by Pure Analytics, LLC

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

©2014 Pure Analytics, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. Pure Analytics, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by Pure Analytics, LLC

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

©2014 Pure Analytics, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. Pure Analytics, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by Pure Analytics, LLC

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



100% WASHABLE • 100% COTTON • 100% MADE IN U.S.A.

[illegible]