

Cannabidiol D 1:1 Capsules - 10 x 40mg

Advanced Grow Labs
400 Frontage Road
West Haven, CT 06516

OPC Lic #: 1 **Batch #:** AGL-C40- **Package ID:** 1713
MP160311GC

Harvest Date: **Vendor Type:** **Strain:**

Packaged Date: 04-26-2016 **Expiration Date:** 03-29-2017

Gross Weight: 22.17 GR **Net Weight:** 4.60 GR **MIP Weight:**



1713

Ingredients:

Gelatin Capsules, Organic Coconut Oil, Safflower Oil,
Cannabidiol D Cannabis Oil. Dosage Form: Gelatin Capsule x
10. Total THC 20mg per capsule, Total CBD 21.8mg per capsule

Cannabidiol D PURE CANNABIS OIL POTENCY THC-A 0.1%,
THC 30.8%, CBD-A 3.3%, CBD 31.6%, CBG-A 0.3%, CBG
0.9%, CBN 0.6%, CBC 1.6%

Cannabidiol D Blended Oil Potency

Advanced Grow Labs

Tested On: 2016-03-29

THC:	5.3%	CBD:	5.1%
THCA:	<0.1%	CBDA:	0.7%
DTHC:	N/T	CBN:	0.1%

Microbiology, Mycotoxins, Heavy Metals, Pesticides, ALL
PASS. Terpenoids Present: A-Pinene, B-Pinene,
B-Myrcene, Limonene, Ocimene, Linalool,
Beta-Caryophyllene, Humulene. This product contains the
equivalent of 1.6g of flower.

Customer Name: Advanced Grow Labs, LLC

Customer Address: 400 Frontage Road

West Haven, CT 06516

Phone Number: 475-227-0028

Results issued on: 3/14/2016 COA No.: 21031416-1

Client Lot Number	Sample ID	Test Conducted
MP160311	21031116-15	Active Ingredient Analysis
	21031116-15	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.1%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	30.8%
Cannabidiol Acid (CBD-A)	3.3%
Cannabidiol (CBD)	31.6%
Cannabigerol Acid (CBG-A)	0.3%
Cannabigerol (CBG)	0.9%
Cannabinol (CBN)	0.6%
Cannabichromene (CBC)	1.6%

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


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: 3/31/2016 COA No.: 21033116-C

Client Lot Number	Sample ID	Test Conducted
MP160311VC20MG	21032916-1	Active Ingredient Analysis
	21032916-1	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 396.0 uL of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	5.3%	20.0
Cannabidiol Acid (CBD-A)	0.7%	2.6
Cannabidiol (CBD)	5.1%	19.2
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	0.2%	0.8
Cannabinol (CBN)	0.1%	0.4
Cannabichromene (CBC)	<0.1%	<0.1

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Client Lot Number: **MP160311VC20MG**

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

1 of 2
oils combined to create 1:1

Results issued on: 10/1/2015 COA No.: 21100115-A

Sample ID	Test Conducted	Client Lot Number
21092915-10	Quality Control Analysis	MP150928
21092915-11	Active Ingredient Analysis	
21092915-11	Terpene Content 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	See attachment A	Pass

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.856%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	22.879%
Cannabidiol Acid (CBD-A)	4.341%
Cannabidiol (CBD)	39.654%
Cannabigerol Acid (CBG-A)	0.395%
Cannabigerol (CBG)	0.939%
Cannabinol (CBN)	0.444%
Cannabichromene (CBC)	0.010%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.056%
β -Pinene	<0.010%
β -Myrcene	0.861%
Limonene	0.222%
Ocimene	0.010%
Linalool	0.130%
β -Caryophyllene	0.603%
Humulene	0.251%


Results Approved by: Jose A. Zavaleta, Lab Director

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

Customer Name: Advanced Grow Labs, LLC
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Phone Number: 475-227-0028

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Results issued on: 11/13/2015 COA No.: 21111315-B

Sample ID	Test Conducted	Client Lot Number
21111015-3	Quality Control Analysis	PW151106
21111015-4	Active Ingredient Analysis	
21111015-4	Terpene Content 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	See attachment A	Pass

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.202%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	56.608%
Cannabidiol Acid (CBD-A)	2.202%
Cannabidiol (CBD)	16.291%
Cannabigerol Acid (CBG-A)	0.460%
Cannabigerol (CBG)	1.154%
Cannabinol (CBN)	0.945%
Cannabichromene (CBC)	1.294%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.070%
β -Pinene	<0.010%
β -Myrcene	0.578%
Limonene	0.153%
Ocimene	0.026%
Linalool	0.211%
β -Caryophyllene	0.811%
Humulene	0.289%


Results Approved by: Jose A. Zavaleta, Lab Director

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