

Cannabidiol D4 1:1 VPen - 250mg

Advanced Grow Labs
400 Frontage Road
West Haven, CT 06516

OPC Lic #:	Batch #:	Package ID:
1	AGL-X- MP160311-P250	1706

Harvest Date:	Vendor Type:	Strain:
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Packaged Date:	Expiration Date:
04-25-2016	04-21-2017

Gross Weight:	Net Weight:	MIP Weight:
5.32 GR	0.42 GR	



1706

Ingredients:

Dosage Form: Vaporizer Cartridge: 420mg Cartridge. Cannabidiol D Cannabis Oil-292.0mg, PEG 128.0mg. THC Total Content 118.4mg, CBD Total Content 128.5mg.

Cannabinoid Content per Cartridge: THC-A <0.1mg, THC 118.4mg, CBD-A 13.4mg, CBD 115.1mg, CBG-A <0.1mg, CBG 3.4mg, CBN 2.1mg, CBC <0.1mg. This product contains the equivalent of 0.9 grams of flower. **PURE CANNABIS OIL**
POTENCY THC-A 1.8%, THC 22.8%, CBD-A 4.3%, CBD 39.6%, CBG-A 0.3%, CBG 0.9%, CBN 0.4%, CBC <0.1%

Cannabidiol D + PEG BLENDED CANNABIS OIL POTENCY

Advanced Grow Labs

Tested On: 2016-04-21

THC:	28.2%	CBD:	27.4%
THCA:	<0.1%	CBDA:	3.2%
DTHC:	NT	CBN:	0.5%

Cannabidiol D4 1:1 Vpen— 250mg

NDC#1706 Expiration: 4/21/17

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: 4/22/2016 COA No.: 21042216-A

Client Lot Number	Sample ID	Test Conducted
MP160311-P250	21042116-1	Active Ingredient Analysis
	21042116-1	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 420 mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	28.2%	118.4
Cannabidiol Acid (CBD-A)	3.2%	13.4
Cannabidiol (CBD)	27.4%	115.1
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	0.8%	3.4
Cannabinol (CBN)	0.5%	2.1
Cannabichromene (CBC)	<0.1%	<0.1

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Client Lot Number: **MP160311-P250**

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	0.2%
Limonene	0.1%
Ocimene	<0.1%
Linalool	0.1%
β -Caryophyllene	0.3%
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 blended into
first Batch*

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	<i>See attachment A</i>	Pass

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

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

2 of 2
oils blended
into batch

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

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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)	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

Orange from the Penner Cartridge, 400mg Cartridge, Salivam 9
Cannabis Oil-302.91mg, PEG-87.09mg, THC Total Content
260.00mg

Cannabinoid Content per Cartridge: THC 253.3mg, THC-A 6.7mg,
CBD <0.1mg, CBD-A <0.1mg, CBG-A 3.4mg, CBG 6.3mg, CBN
0.8mg, CBC 3.4mg

TESTING: Microbiology, Mycotoxins, Heavy Metals, Pesticides,
ALL PASS. TERPENOID PRESENT: A-pinene, B-pinene,
B-Myrcene, Limonene, Ocimene, Linalool, Beta-Caryophyllene,
Humulene. This product contains the equivalent of 2.5 grams of
flower

Salivam 9 PURE CANNABIS OIL POTENCY: THC 25.1%,
THC-A 0.7%, CBD 0.0%, CBD-A 0.0%, CBG 0.6%,
CBG-A 0.3%, CBN 0.0%, CBC 0.3%

ADVANCED GROW LABS

Tested On: 2018-02-19

THC	60.3%	CBD	<0.1%
THCA	1.8%	CBGA	<0.1%
THC			

200mg
Date: 1/22/17
For more information

ADVANCED GROW LABS

