

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin D 250 VPen - 250mg

V2

NDC: 2668

Batch: AGL-BD161108P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 11/30/2016 Net Wt: 0.42 g
Expiration Date: 11/25/2017 0.01 oz

Testing Date: 11/25/2016

Flower Equivalence: 1.0 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	0.2 %	B-Caryophyllene	0.7 %
Limonene	0.2 %	Humulene	0.3 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
0.8 mg	270.1 mg	0.4 mg	0.4 mg	2.1 mg	3.8 mg	0.8 mg	2.9 mg
0.2 %	64.3 %	0.1 %	0.1 %	0.5 %	0.9 %	0.2 %	0.7 %

Sativarin D 250 VPen V2

NDC#2668 Expiration:11/25/17

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: 11/25/2016 COA No.: 21112516-D

Client Lot Number	Sample ID	Test Conducted
BD161108P	3208-1	Active Ingredient Analysis
	3208-1	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)	0.2%	0.8
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	64.3%	270.1
Cannabidiol Acid (CBD-A)	0.1%	0.4
Cannabidiol (CBD)	0.1%	0.4
Cannabigerol Acid (CBG-A)	0.5%	2.1
Cannabigerol (CBG)	0.9%	3.8
Cannabinol (CBN)	0.2%	0.8
Cannabichromene (CBC)	0.7%	2.9

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Client Lot Number: **BD161108P**

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	0.2%
Ocimene	<0.1%
Linalool	0.1%
β -Caryophyllene	0.7%
Humulene	0.3%



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: 11/11/2016 COA No.: 21111116-A

Client Lot Number	Sample ID	Tests Conducted
BD-161108	3203-3	Quality Control Analysis
	3203-4	
	3203-4	Active Ingredient Analysis
	3203-4	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: **BD-161108**



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)	0.2%	0.6	0.8	1.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	78.7%	220.4	330.5	417.1
Cannabidiol Acid (CBD-A)	0.1%	0.3	0.4	0.5
Cannabidiol (CBD)	0.2%	0.6	0.8	1.1
Cannabigerol Acid (CBG-A)	0.7%	2.0	2.9	3.7
Cannabigerol (CBG)	1.2%	3.4	5.0	6.4
Cannabinol (CBN)	0.3%	0.8	1.3	1.6
Cannabichromene (CBC)	1.0%	2.8	11.8	5.3

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	0.3%
Ocimene	<0.1%
Linalool	0.1%
β -Caryophyllene	0.8%
Humulene	0.3%

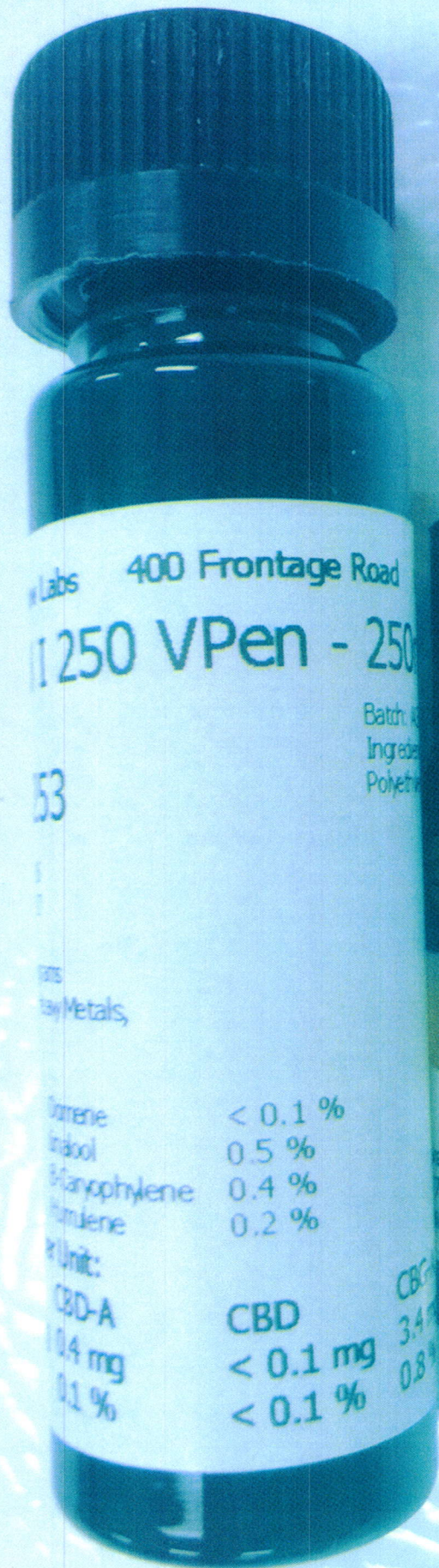
Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **BD-161108**

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



400 Frontage Road

1 250 VPen - 250

Batch:
Ingredients:
Polyethylene

53

Trace Metals,

Terpene	< 0.1 %
Alcohol	0.5 %
β-Caryophyllene	0.4 %
Humulene	0.2 %

Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %



Marin L 250 VPen
786 Expiration
for more info

CBD
3.4
0.8