

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin P VPen
300
NDC: 4057

Batch: AGL-CPN-F4H12-171110-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 12/12/2017 Net Wt: 0.51 g
Expiration Date: 12/12/2018 0.02 oz
Testing Date: 12/12/2017

Flower Equivalence: 1.20 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
a-Pinene < 0.1 % Ocimene < 0.1 %
B-Pinene < 0.1 % Linalool 0.5 %
B-Myrcene < 0.1 % B-Caryophyllene 0.6 %
Limonene 0.2 % Humulene 0.2 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
0.5 mg	306.0 mg	0.5 mg	1.0 mg	2.1 mg	8.3 mg	1.5 mg	4.1 mg
0.1 %	59.3 %	0.1 %	0.2 %	0.4 %	1.6 %	0.3 %	0.8 %

Sativarin P VPen 300

NDC: 4057 Expiration: 12/12/18

See packaging for more info

1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

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

Results issued on: 12/12/2017 COA No.: 21121217-H

Client Lot Number	Sample ID	Test Conducted
CPN-F4H12-171110-P	3291-12	Active Ingredient Analysis
	3291-12	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 516-mg of product	mg per 524-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.1%	0.5	0.5	0.5	1.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	59.3%	296.5	306.0	310.7	593.0
Cannabidiol Acid (CBD-A)	0.1%	0.5	0.5	0.5	1.0
Cannabidiol (CBD)	0.2%	1.0	1.0	1.0	2.0
Cannabigerol Acid (CBG-A)	0.4%	2.0	2.1	2.1	4.0
Cannabigerol (CBG)	1.6%	8.0	8.3	8.4	16.0
Cannabinol (CBN)	0.3%	1.5	1.5	1.6	3.0
Cannabichromene (CBC)	0.8%	4.0	4.1	4.2	8.0

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Client Lot Number: CPN-F4H12-171110-P

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	0.2%
Ocimene	<0.1%
Linalool	0.5%
β -Caryophyllene	0.6%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Director

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

Results issued on: 11/18/2017 COA No.: 21102417-E

Client Lot Number	Sample ID	Tests Conducted
CPN-F4H12-171110-O	3290-5	Quality Control Analysis
	3290-6	
	3290-6	Active Ingredient Analysis
	3290-6	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	< 2,000 CFU/g	Passed
	Total Yeast and Mold Count	< 200 CFU/g	Passed
	Bile-tolerant Gram-negative Bacteria	Not Present	Passed
	<i>Staphylococcus aureus</i>	Not Present	Passed
	<i>Pseudomonas aeruginosa</i>	Not Present	Passed
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Passed
	Aflatoxin B2	< 20 ug/Kg	Passed
	Aflatoxin G1	< 20 ug/Kg	Passed
	Aflatoxin G2	< 20 ug/Kg	Passed
	Ochratoxin A	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	< 4.206 ug/g	Passed
	Cadmium - Cd	< 2.704 ug/g	Passed
	Mercury - Hg	< 8.712 ug/g	Passed
	Lead - Pb	< 8.712 ug/g	Passed
Pesticides	See attachment A		Passed

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Client Lot Number: CPN-F4H12-171110-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 516-mg of product	mg per 524-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.1%	0.5	0.5	0.5	1.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	79.2%	396.0	408.7	415.0	792.0
Cannabidiol Acid (CBD-A)	0.1%	0.5	0.5	0.5	1.0
Cannabidiol (CBD)	0.2%	1.0	1.0	1.0	2.0
Cannabigerol Acid (CBG-A)	0.6%	3.0	3.1	3.1	6.0
Cannabigerol (CBG)	2.1%	10.5	10.8	11.0	21.0
Cannabinol (CBN)	0.4%	2.0	2.1	2.1	4.0
Cannabichromene (CBC)	1.1%	5.5	5.7	5.8	11.0

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	0.3%
Ocimene	<0.1%
Linalool	0.8%
β -Caryophyllene	1.1%
Humulene	0.4%



Results Approved by: Jose A. Zavaleta, Lab Director

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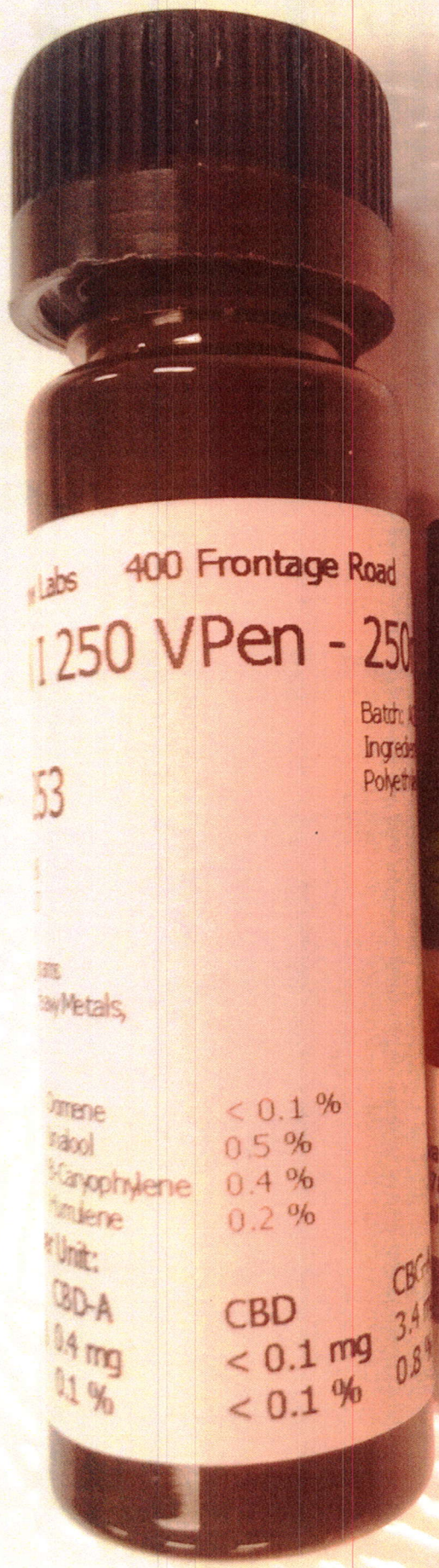
Client Lot Number: **CPN-F4H12-171110-O**

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

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Client Lot Number: **CPN-F4H12-171110-O**



Labs 400 Frontage Road

I 250 VPen - 250

Batch: A
Ingredients
Polyethylene

53

Trace
Heavy Metals,

Camphene	< 0.1 %
Ethanol	0.5 %
1-Caryophyllene	0.4 %
Humulene	0.2 %

Unit: CBD
CBD-A 0.4 mg
0.1 %
CBD
< 0.1 mg
< 0.1 %



L 250 VPen
786 Expiration
for more info

CBD
3.4 mg
0.8 %