

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin P Pure VPen

415

NDC: 4022

Batch: AGL-CPN-F4H12-171110-O
Ingredients: Cannabis Oil

Packaging Date: 11/20/2017 Net Wt: 0.52 g
Expiration Date: 11/18/2018 0.02 oz

Testing Date: 11/18/2017

Flower Equivalence: 1.66 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.1 %	Odorless	< 0.1 %
B-Pinene	< 0.1 %	Linalool	0.8 %
B-Myrcene	0.1 %	B-Caryophyllene	1.1 %
Limonene	0.3 %	Humulene	0.4 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
0.5 mg	415.0 mg	0.5 mg	1.0 mg	3.1 mg	11.0 mg	2.1 mg	5.8 mg
0.1 %	79.2 %	0.1 %	0.2 %	0.6 %	2.1 %	0.4 %	1.1 %

Sativarin P Pure VPen 415

NDC: 4022 Expiration: 11/18/18

See packaging for more info

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</u> <u>(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	<i>See attachment A</i>		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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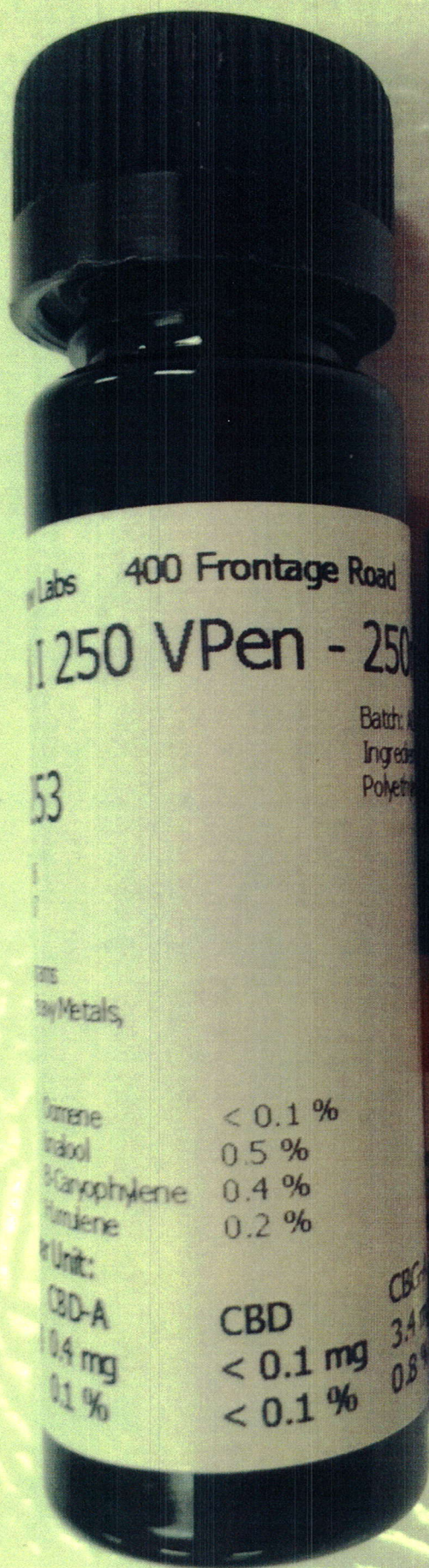
Client Lot Number: CPN-F4H12-171110-O

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**



400 Frontage Road

Marin L 250 VPen - 250

Batch:
Ingredients:
Polyethylene

53

Trace Metals,

Terpineol	< 0.1 %
Linalool	0.5 %
Beta-Caryophyllene	0.4 %
Humulene	0.2 %

per Unit:

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

CBD-A
3.4 mg
0.8 %

Marin L 250 VPen
286 Expiration
for more info