

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin I VPen
300
NDC: 4346

Batch: AGL-CP-F1H13-180118-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 02/09/2018 Net Wt: 0.51 g
Expiration Date: 02/08/2019 0.02 oz
Testing Date: 02/08/2018

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 0.2 %
B-Myrcene < 0.1 % B-Caryophyllene 0.7 %
Limonene < 0.1 % Humulene 0.2 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
0.5 mg	294.1 mg	0.5 mg	0.5 mg	1.0 mg	5.7 mg	2.6 mg	3.1 mg
0.1 %	57.0 %	0.1 %	0.1 %	0.2 %	1.1 %	0.5 %	0.6 %

Sativarin I VPen 300

NDC: 4346 Expiration: 2/8/19

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: 2/8/2018 COA No.: 21020818-B

Client Lot Number	Sample ID	Test Conducted
CP-F1H13-180118-P	3307-74	Active Ingredient Analysis
	3307-74	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)	57.0%	285.0	294.1	298.7	570.0
Cannabidiol Acid (CBD-A)	0.1%	0.5	0.5	0.5	1.0
Cannabidiol (CBD)	0.1%	0.5	0.5	0.5	1.0
Cannabigerol Acid (CBG-A)	0.2%	1.0	1.0	1.0	2.0
Cannabigerol (CBG)	1.1%	5.5	5.7	5.8	11.0
Cannabinol (CBN)	0.5%	2.5	2.6	2.6	5.0
Cannabichromene (CBC)	0.6%	3.0	3.1	3.1	6.0

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Client Lot Number: CP-F1H13-180118-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	<0.1%
Ocimene	<0.1%
Linalool	0.2%
β -Caryophyllene	0.7%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **CP-F1H13-180118-P**

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

Results issued on: 1/23/2018 COA No.: 21012318-A

Client Lot Number	Sample ID	Tests Conducted
CP-F1H13-180118-O	3306-57	Quality Control Analysis
	3306-58	
	3306-58	Active Ingredient Analysis
	3306-58	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: CP-F1H13-180118-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%	<0.1	<0.1	<0.1	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	72.9%	364.5	376.2	382.0	729.0
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)	0.2%	1.0	1.0	1.0	2.0
Cannabigerol (CBG)	1.4%	7.0	7.2	7.3	14.0
Cannabinol (CBN)	0.6%	3.0	3.1	3.1	6.0
Cannabichromene (CBC)	0.7%	3.5	3.6	3.7	7.0

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


Results Approved by: Jose A. Zavaleta, Lab Director

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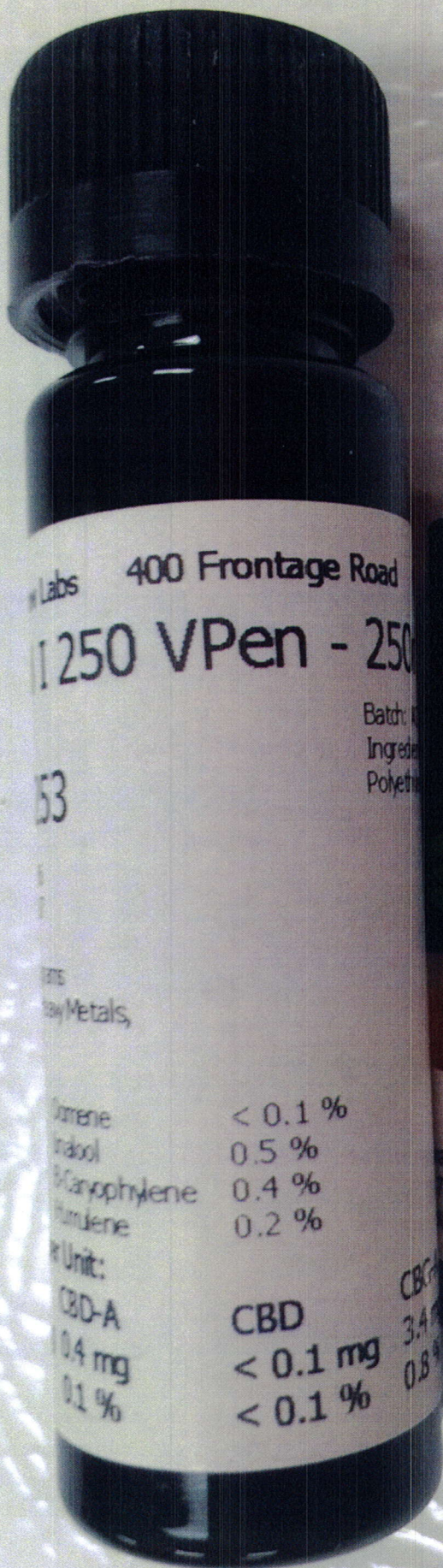
Client Lot Number: **CP-F1H13-180118-O**

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: **CP-F1H13-180118-O**



400 Frontage Road

Marin L 250 VPen - 250

Batch: 101
Ingredients:
Polyethylene Glycol

53

Heavy 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
86 Expiration
for more info

CBD
3.4 %
0.8 %