

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin W VPen

300

NDC: 4323

Batch: AG-WD-F2H13-180115-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 01/29/2018 Net Wt: 0.51 g
Expiration Date: 01/26/2019 0.02 oz
Testing Date: 01/26/2018

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

Contains Terpenes:

a-Pinene	< 0.1 %	Odorless	< 0.1 %
B-Pinene	< 0.1 %	Linalool	< 0.1 %
B-Myrcene	< 0.1 %	B-Caryophyllene	0.3 %
Limonene	0.2 %	Humulene	0.1 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
9.3 mg	309.6 mg	1.0 mg	0.5 mg	7.2 mg	8.8 mg	1.0 mg	3.6 mg
1.8 %	60.0 %	0.2 %	0.1 %	1.4 %	1.7 %	0.2 %	0.7 %

Sativarin W VPen 300

NDC: 4323 Expiration: 1/26/19

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: 1/26/2018 COA No.: 21012618-A

Client Lot Number	Sample ID	Test Conducted
WD-F2H13-180115-P	3206-59	Active Ingredient Analysis
	3206-59	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)	1.8%	9.0	9.3	9.4	18.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	60.0%	300.0	309.6	314.4	600.0
Cannabidiol Acid (CBD-A)	0.2%	1.0	1.0	1.0	2.0
Cannabidiol (CBD)	0.1%	0.5	0.5	0.5	1.0
Cannabigerol Acid (CBG-A)	1.4%	7.0	7.2	7.3	14.0
Cannabigerol (CBG)	1.7%	8.5	8.8	8.9	17.0
Cannabinol (CBN)	0.2%	1.0	1.0	1.0	2.0
Cannabichromene (CBC)	0.7%	3.5	3.6	3.7	7.0

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Client Lot Number: WD-F2H13-180115-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	<0.1%
β -Caryophyllene	0.3%
Humulene	0.1%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **WD-F2H13-180115-P**

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

Results issued on: 1/18/2018 COA No.: 21011818-C

Client Lot Number	Sample ID	Tests Conducted
WD-F2H13-180115-O	3304-7	Quality Control Analysis
	3304-8	
	3304-8	Active Ingredient Analysis
	3304-8	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: WD-F2H13-180115-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)	2.1%	10.5	10.8	11.0	21.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	70.5%	352.5	363.8	369.4	705.0
Cannabidiol Acid (CBD-A)	0.2%	1.0	1.0	1.0	2.0
Cannabidiol (CBD)	0.2%	1.0	1.0	1.0	2.0
Cannabigerol Acid (CBG-A)	1.6%	8.0	8.3	8.4	16.0
Cannabigerol (CBG)	1.9%	9.5	9.8	10.0	19.0
Cannabinol (CBN)	0.2%	1.0	1.0	1.0	2.0
Cannabichromene (CBC)	0.8%	4.0	4.1	4.2	8.0

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



Results Approved by: Jose A. Zavaleta, Lab Director

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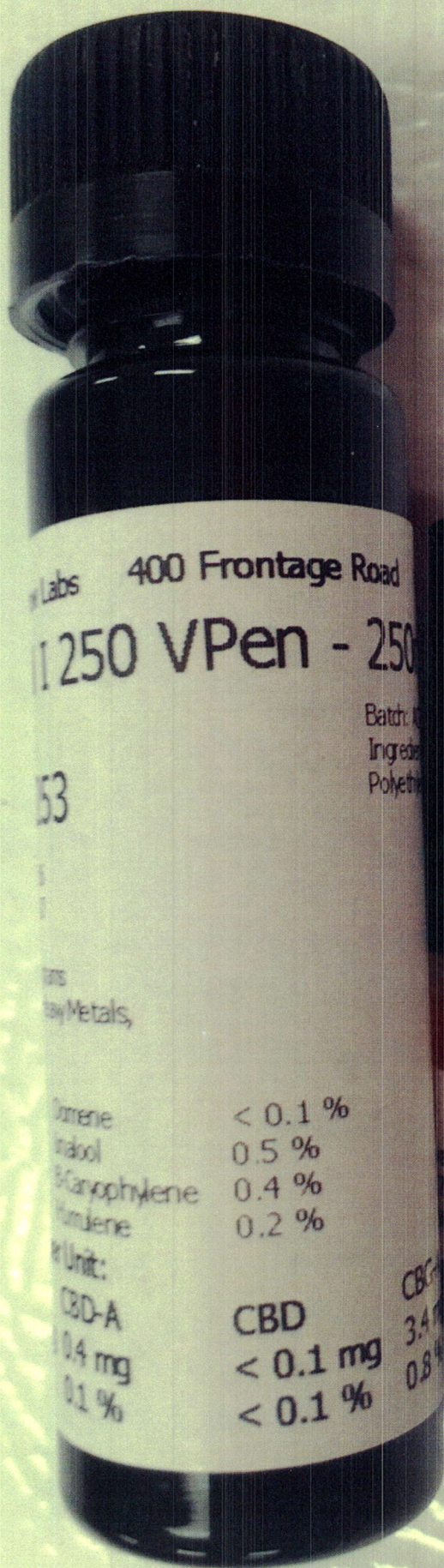
Client Lot Number: **WD-F2H13-180115-O**

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: **WD-F2H13-180115-O**



Labs 400 Frontage Road

Marin L 250 VPen - 250

Batch: A
Ingredients:
Polyethylene

53

Heavy Metals,

Terpene	< 0.1 %
Indanol	0.5 %
8-Carvophyllene	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