

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin W VPen

330

NDC: 5223

Batch: AGL-WD-F6H7-180718-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 08/29/2018 Net Wt: 0.58 g
Expiration Date: 08/28/2019 0.02 oz

Testing Date: 08/28/2018

Flower Equivalence: 1.32 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Ocimene	0.12 % A-Bisabolol
< 0.10 % B-Pinene	< 0.10 % Linalool	0.85 % Terpinolene
< 0.10 % B-Myrcene	0.42 % B-Caryophyllene	0.20 % Guaiol
0.18 % Limonene	0.13 % Humulene	

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
8.35 mg	329 mg	< 0.10 mg	1.16 mg	2.03 mg	11.2 mg	4.06 mg	6.79 mg
1.44 %	56.8 %	< 0.10 %	0.20 %	0.35 %	1.93 %	0.70 %	1.17 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Sativarin W VPen 330

NDC: 5223 Expiration:

8/28/19

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: 8/28/2018 COA No.: 21082818-E

Client Lot Number	Sample ID	Test Conducted
WD-F6H7-180718-P	3361-7	Active Ingredient Analysis
	3361-7	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 580-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.44%	7.20	8.35	14.4
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	56.8%	284	329	568
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.20%	1.00	1.16	2.00
Cannabigerol Acid (CBG-A)	0.35%	1.75	2.03	3.50
Cannabigerol (CBG)	1.93%	9.65	11.2	19.3
Cannabinol (CBN)	0.70%	3.50	4.06	7.00
Cannabichromene (CBC)	1.17%	5.85	6.79	11.7

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Client Lot Number: WD-F6H7-180718-P

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	0.18%
Ocimene	<0.10%
Linalool	<0.10%
β -Caryophyllene	0.42%
Humulene	0.13%
Terpinolene	0.85%
Guaiol	0.20%
α -Bisabolol	0.12%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **WD-F6H7-180718-P**

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

Results issued on: 7/31/2018 COA No.: 21073118-D

Client Lot Number	Sample ID	Tests Conducted
WD-F6H7-180718-O	3353-11	Quality Control Analysis
	3353-12	
	3353-12	Active Ingredient Analysis
	3353-12	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results</u> (Pass/Fail)
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-F6H7-180718-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 580-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.82%	9.10	10.6	18.2
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	67.5%	338	392	675
Cannabidiol Acid (CBD-A)	0.13%	0.65	0.75	1.30
Cannabidiol (CBD)	0.25%	1.25	1.45	2.50
Cannabigerol Acid (CBG-A)	0.49%	2.45	2.84	4.90
Cannabigerol (CBG)	2.33%	11.7	13.5	23.3
Cannabinol (CBN)	0.92%	4.60	5.34	9.20
Cannabichromene (CBC)	1.49%	7.46	8.64	14.9

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	0.13%
Ocimene	<0.10%
Linalool	<0.10%
β -Caryophyllene	0.23%
Humulene	<0.10%
Terpinolene	0.63%
Guaiol	0.13%



Results Approved by: Jose A. Zavaleta, Lab Director

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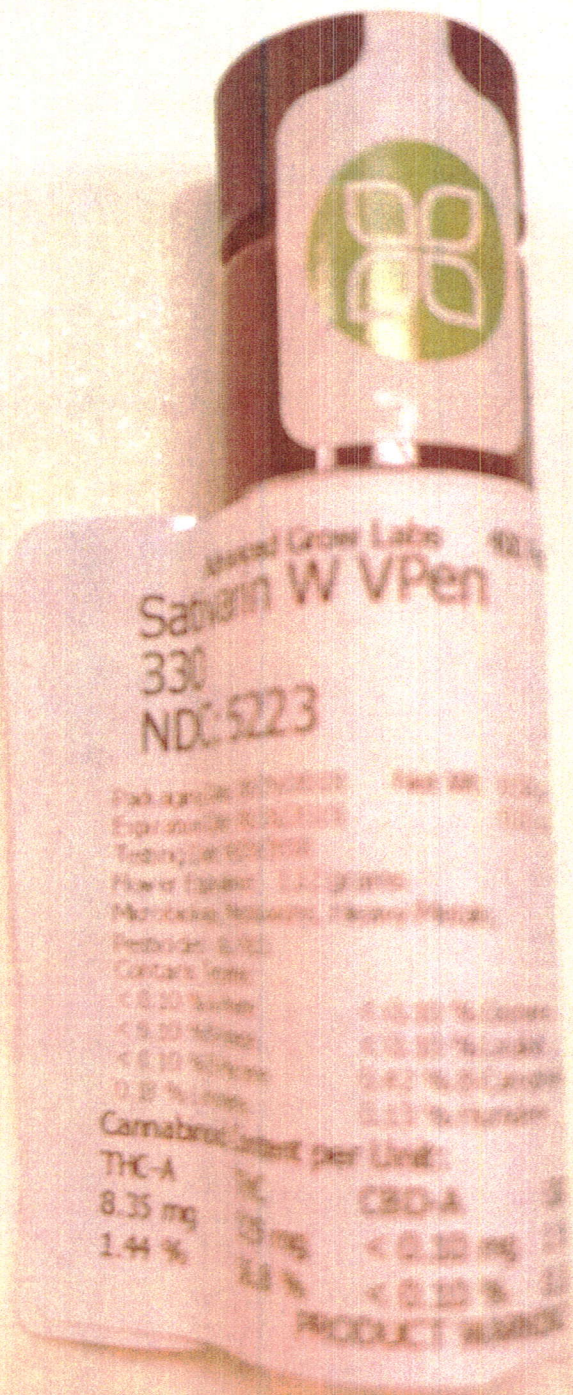
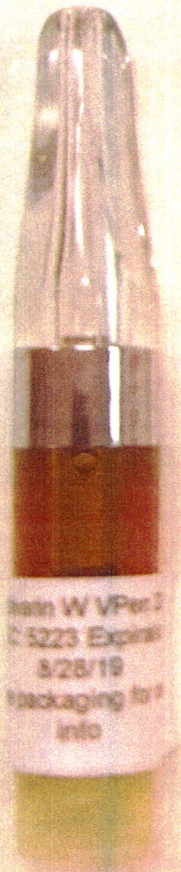
Client Lot Number: **WD-F6H7-180718-O**

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-F6H7-180718-O**



Sativin W VPen
330
NDC 5223

Packaging for info
Expiration Date: 8/28/19
Testing Date: 8/28/19
Flower Weight: 1.12 grams
Moisture: 10.00%, 10.00%
Potency: 0.10%
Contains: 0.10%
Cannabidiol: 0.10%
THC-A: 8.35 mg
1.44 %
CBD-A: 0.10 mg
0.10 %
PRODUCT NAME