

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin A VPen

300

NDC: 4669

Batch: AGL-TG-F3H14-180511-P
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 06/07/2018 Net Wt: 0.58 g
Expiration Date: 06/06/2019 0.02 oz

Testing Date: 06/06/2018

Flower Equivalence: 1.34 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Odorless	0.12 % A-Bisabolol
< 0.10 % B-Pinene	0.16 % Linalool	0.50 % Terpinolene
< 0.10 % B-Myrcene	0.26 % B-Caryophyllene	0.19 % Guaiol
< 0.10 % Limonene	< 0.10 % Humulene	

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
7.02 mg	328 mg	< 0.10 mg	< 0.10 mg	2.20 mg	6.96 mg	3.94 mg	4.93 mg
1.21 %	56.6 %	< 0.10 %	< 0.10 %	0.38 %	1.20 %	0.68 %	0.85 %

Sativarin A VPen 300
NDC: 4669 Expiration: 6/6/19
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: 6/6/2018 COA No.: 21060518-B

Client Lot Number	Sample ID	Test Conducted
TG-F3H14-180511-P	3337-5	Active Ingredient Analysis
	3337-5	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)	1.21%	6.05	7.02	12.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	56.6%	283	328	566
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	<0.10%	<0.10	<0.10	<0.10
Cannabigerol Acid (CBG-A)	0.38%	1.90	2.20	3.80
Cannabigerol (CBG)	1.20%	6.00	6.96	12.0
Cannabinol (CBN)	0.68%	3.40	3.94	6.80
Cannabichromene (CBC)	0.85%	4.25	4.93	8.50

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Client Lot Number: TG-F3H14-180511-P

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pine	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	0.16%
β -Caryophyllene	0.26%
Humulene	<0.10%
α -Bisabolol	0.12%
Terpinolene	0.50%
Guaiol	0.19%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **TG-F3H14-180511-P**

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

Results issued on: 5/23/2018 COA No.: 21052318-A

Client Lot Number	Sample ID	Tests Conducted
TG-F3H14-180511-O	3333-1	Quality Control Analysis
	3335-1	
	3335-1	Active Ingredient Analysis
	3335-1	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	See attachment A		Passed

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Client Lot Number: TG-F3H14-180511-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 524-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.67%	8.35	8.75	16.7
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	73.7%	369	386	737
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.12%	0.60	0.63	1.20
Cannabigerol Acid (CBG-A)	0.52%	2.60	2.72	5.20
Cannabigerol (CBG)	1.61%	8.05	8.44	16.1
Cannabinol (CBN)	0.89%	4.45	4.66	8.90
Cannabichromene (CBC)	1.11%	5.55	5.82	11.1

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pine	<0.10%
β -Pinene	<0.10%
β -Myrcene	0.13%
Limonene	0.11%
Ocimene	<0.10%
Linalool	0.19%
β -Caryophyllene	0.33%
Humulene	0.11%


Results Approved by: Jose A. Zavaleta, Lab Director

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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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