

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin E VPen

300

NDC: 4670

Batch: AGL-GD-F5H7-180516-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: 1.30 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Odorless	0.30 % A-Bisabolol
< 0.10 % B-Pinene	0.24 % Linalool	
< 0.10 % B-Myrcene	0.68 % B-Caryophyllene	
0.16 % Limonene	0.19 % Humulene	

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
2.09 mg	323 mg	< 0.10 mg	0.93 mg	1.04 mg	7.37 mg	4.23 mg	4.93 mg
0.36 %	55.7 %	< 0.10 %	0.16 %	0.18 %	1.27 %	0.73 %	0.85 %

Sativarin E VPen 300
NDC: 4670 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-C

Client Lot Number	Sample ID	Test Conducted
GD-F5H7-180516-P	3337-6	Active Ingredient Analysis
	3337-6	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)	0.36%	1.80	2.09	3.60
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	55.7%	279	323	557
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.16%	0.80	0.93	1.60
Cannabigerol Acid (CBG-A)	0.18%	0.90	1.04	1.80
Cannabigerol (CBG)	1.27%	6.35	7.37	12.7
Cannabinol (CBN)	0.73%	3.65	4.23	7.30
Cannabichromene (CBC)	0.85%	4.25	4.93	8.50

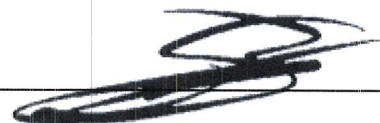
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Client Lot Number: GD-F5H7-180516-P

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	0.16%
Ocimene	<0.10%
Linalool	0.24%
β -Caryophyllene	0.68%
Humulene	0.19%
α -Bisabolol	0.30%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **GD-F5H7-180516-P**

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: 5/23/2018 COA No.: 21052318-B

Client Lot Number	Sample ID	Tests Conducted
GD-F5H7-180516-O	3335-2	Quality Control Analysis
	3335-3	
	3335-3	Active Ingredient Analysis
	3335-3	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: GD-F5H7-180516-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)	0.50%	2.50	2.62	5.00
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	74.5%	373	390	745
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.25%	1.25	1.31	2.50
Cannabigerol Acid (CBG-A)	0.27%	1.35	1.41	2.70
Cannabigerol (CBG)	1.77%	8.85	9.27	17.7
Cannabinol (CBN)	0.95%	4.75	4.98	9.50
Cannabichromene (CBC)	1.13%	5.65	5.92	11.3

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	0.22%
Limonene	0.45%
Ocimene	<0.10%
Linalool	0.40%
β -Caryophyllene	1.03%
Humulene	0.29%



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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