

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin E Pure VPen

407

NDC: 5272

Batch: AGL-GD-F2H16-180917-O
Ingredients: Cannabis Oil

Packaging Date: 09/25/2018 Net Wt: 0.58 g
Expiration Date: 09/24/2019 0.02 oz
Testing Date: 09/24/2018

Flower Equivalence: 1.68 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
< 0.10 % A-Pinene < 0.10 % Ocimene 0.65 % A-Bisabolol
< 0.10 % B-Pinene 0.80 % Linalool
0.16 % B-Myrcene 1.49 % B-Caryophyllene
0.58 % Limonene 0.45 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
3.02 mg	404 mg	< 0.10 mg	1.51 mg	1.04 mg	9.40 mg	5.57 mg	6.09 mg
0.52 %	69.6 %	< 0.10 %	0.26 %	0.18 %	1.62 %	0.96 %	1.05 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Sativarin E Pure VPen 407
NDC: 5272 Expiration:
9/24/19
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: 9/24/2018 COA No.: 21092418-F

Client Lot Number	Sample ID	Tests Conducted
GD-F2H16-180917-O	3369-7	Quality Control Analysis
	3369-8	
	3369-8	Active Ingredient Analysis
	3369-8	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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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)	0.52%	2.60	3.02	5.20
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	69.6%	348	404	696
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.26%	1.30	1.51	2.60
Cannabigerol Acid (CBG-A)	0.18%	0.90	1.04	1.80
Cannabigerol (CBG)	1.62%	8.10	9.40	16.2
Cannabinol (CBN)	0.96%	4.80	5.57	9.60
Cannabichromene (CBC)	1.05%	5.25	6.09	10.5

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	0.16%
Limonene	0.58%
Ocimene	<0.10%
Linalool	0.80%
β -Caryophyllene	1.49%
Humulene	0.45%
α -Bisabolol	0.65%



Results Approved by: Jose A. Zavaleta, Lab Director

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Attachment A

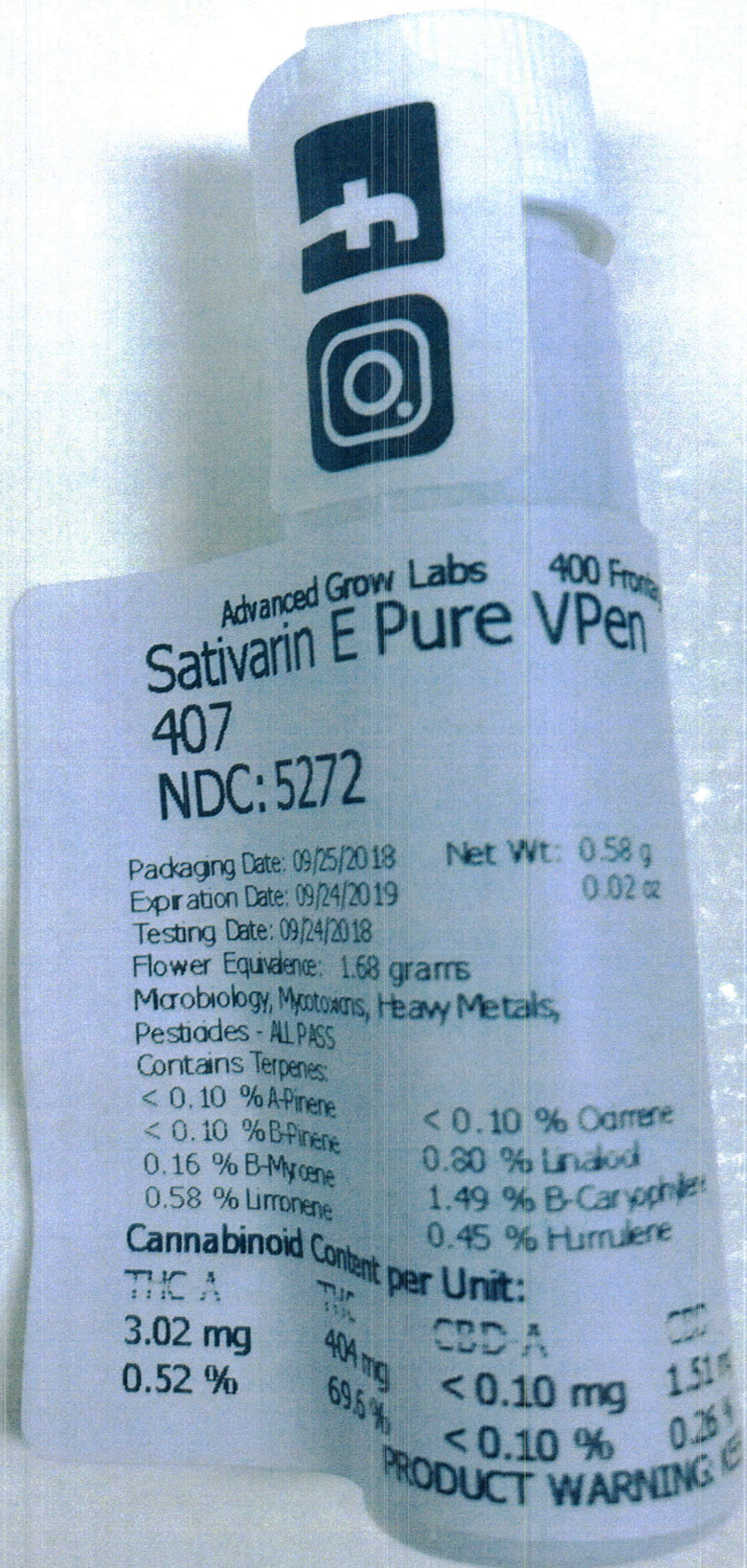
Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
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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E Pure VPen 407
5272 Expiration
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Packaging for more
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Cannabinoid Content per Unit:

THC A

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0.52 %

THC

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PRODUCT WARNING