

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin E Pure VPen

392

NDC: 4654

Batch: AGL-GD-F5H7-180516-O
Ingredients: Cannabis Oil

Packaging Date: 05/24/2018 Net Wt: 0.52 g
Expiration Date: 05/23/2019 0.02 oz
Testing Date: 05/23/2018

Flower Equivalence: 1.56 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.10 %	Odorless	< 0.10 %
B-Pinene	< 0.10 %	Unalool	0.40 %
B-Myrcene	0.22 %	B-Caryophyllene	1.03 %
Limonene	0.45 %	Humulene	0.29 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
2.62 mg	390 mg	< 0.10 mg	1.31 mg	1.41 mg	9.27 mg	4.98 mg	5.92 mg
0.50 %	74.5 %	< 0.10 %	0.25 %	0.27 %	1.77 %	0.95 %	1.13 %

Sativarin E Pure VPen 392
NDC: 4654 Expiration: 5/23/19
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: 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 (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	<i>See attachment A</i>		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 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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