

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin E Pure VPen

377

NDC: 5014

Batch: AGL-GD-F4H14-180613-O
Ingredients: Cannabis Oil

Packaging Date: 06/22/2018 Net Wt: 0.58 g
Expiration Date: 06/21/2019 0.02 oz

Testing Date: 06/21/2018

Flower Equivalence: 1.50 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene < 0.10 % Ocimene 0.36 % A-Bisabolol

< 0.10 % B-Pinene 0.39 % Linalool

< 0.10 % B-Myrcene 0.90 % B-Caryophyllene

0.14 % Limonene 0.29 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
59.7 mg	318 mg	3.07 mg	6.84 mg	3.13 mg	6.38 mg	2.09 mg	4.23 mg
10.3 %	54.9 %	0.53 %	1.18 %	0.54 %	1.10 %	0.36 %	0.73 %

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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: 6/21/2018 COA No.: 21062118-A

Client Lot Number	Sample ID	Tests Conducted
GD-F4H14-180613-O	3343-1	Quality Control Analysis
	3343-2	
	3343-2	Active Ingredient Analysis
	3343-2	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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Client Lot Number: GD-F4H14-180613-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)	10.3%	51.5	59.7	103
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	54.9%	275	318	549
Cannabidiol Acid (CBD-A)	0.53%	2.65	3.07	5.30
Cannabidiol (CBD)	1.18%	5.90	6.84	11.8
Cannabigerol Acid (CBG-A)	0.54%	2.70	3.13	5.40
Cannabigerol (CBG)	1.10%	5.50	6.38	11.0
Cannabinol (CBN)	0.36%	1.80	2.09	3.60
Cannabichromene (CBC)	0.73%	3.65	4.23	7.30

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	0.14%
Ocimene	<0.10%
Linalool	0.39%
β -Caryophyllene	0.90%
Humulene	0.29%
α -Bisabolol	0.36%



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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