

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin P Pure VPen

397

NDC: 4685

Batch: AG-CPN-F3H14-180427-O

Ingredients: Cannabis Oil

Packaging Date: 06/13/2018 Net Wt: 0.58 g
Expiration Date: 06/12/2019 0.02 oz

Testing Date: 06/12/2018

Flower Equivalence: 1.58 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene < 0.10 % Ocimene 0.19 % A-Bisabolol

< 0.10 % B-Pinene 0.80 % Linalool

< 0.10 % B-Myrcene 1.18 % B-Caryophyllene 0.28 % Guaiol

0.15 % Limonene 0.48 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
7.13 mg	390 mg	< 0.10 mg	< 0.10 mg	3.71 mg	9.05 mg	3.02 mg	5.39 mg
1.23 %	67.3 %	< 0.10 %	< 0.10 %	0.64 %	1.56 %	0.52 %	0.93 %

Sativarin P Pure VPen 397
NDC: 4685 Expiration: 6/12/19
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: 6/12/2018 COA No.: 21061218-A

Client Lot Number	Sample ID	Tests Conducted
CPN-F3H14-180427-O	3339-1	Quality Control Analysis
	3339-2	
	3339-2	Active Ingredient Analysis
	3339-2	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	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)	1.23%	6.15	7.13	12.3
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	67.3%	337	390	673
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)	0.64%	3.20	3.71	6.40
Cannabigerol (CBG)	1.56%	7.80	9.05	15.6
Cannabinol (CBN)	0.52%	2.60	3.02	5.20
Cannabichromene (CBC)	0.93%	4.65	5.39	9.30

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	0.15%
Ocimene	<0.10%
Linalool	0.80%
β -Caryophyllene	1.18%
Humulene	0.48%
Guaiol	0.28%
α -Bisabolol	0.19%



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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