

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin A Pure 415 VPen - 415mg

V1

NDC: 2621

Batch: AG-TG-161026
Ingredients: Cannabis Oil

Packaging Date: 10/31/2016 Net Wt: 0.53 g
Expiration Date: 10/30/2017 0.02 oz

Testing Date: 10/30/2016

Flower Equivalence: 1.6 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	0.1 %	Odinene	0.2 %
B-Pinene	< 0.1 %	Linalool	0.2 %
B-Myrcene	0.2 %	B-Caryophyllene	0.5 %
Limonene	0.5 %	Humulene	0.2 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
4.2 mg	410.2 mg	0.5 mg	1.1 mg	5.3 mg	9.5 mg	3.2 mg	5.3 mg
0.8 %	77.4 %	0.1 %	0.2 %	1.0 %	1.8 %	0.6 %	1.0 %

Sativarin A Pure 415 VPen V1

NDC#2621 Expiration: 10/30/17

See vial for more information

Customer Name: Advanced Grow Labs, LLC
Customer Address: 400 Frontage Road
West Haven, CT 06516
Phone Number: 475-227-0028

Results issued on: 10/30/2016 COA No.: 21103016-A

Client Lot Number	Sample ID	Tests Conducted
TG-161026	3200-13	Quality Control Analysis
	3200-14	
	3200-14	Active Ingredient Analysis
	3200-14	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Specification</u>	<u>Results</u> (Pass/Fail)
Microbiology	Total Aerobic Microbial Count (< 2K CFU/g)	Pass
	Total Yeast and Mold Count (< 200 CFU/g)	Pass
	Bile-tolerant Gram-negative Bacteria (absence)	Pass
	<i>Staph. aureus</i> (absence)	Pass
	<i>Pseud. aeruginosa</i> (absence)	Pass
Mycotoxins	Aflatoxin B1 (< 20 ug/Kg)	Pass
	Aflatoxin B2 (< 20 ug/Kg)	Pass
	Aflatoxin G1 (< 20 ug/Kg)	Pass
	Aflatoxin G2 (< 20 ug/Kg)	Pass
	Ochratoxin A (< 20 ug/Kg)	Pass
Heavy Metals	Arsenic - As (< 4.206 ug/g)	Pass
	Cadmium - Cd (< 2.704 ug/g)	Pass
	Mercury - Hg (< 8.712 ug/g)	Pass
	Lead - Pb (< 8.712 ug/g)	Pass
Pesticides	See attachment A	Pass

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Client Lot Number: TG-161026

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 280-mg of product	mg per 420-mg of product	mg per 530-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.8%	2.2	3.4	4.2
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	77.4%	216.7	325.1	410.2
Cannabidiol Acid (CBD-A)	0.1%	0.3	0.4	0.5
Cannabidiol (CBD)	0.2%	0.6	0.8	1.1
Cannabigerol Acid (CBG-A)	1.0%	2.8	4.2	5.3
Cannabigerol (CBG)	1.8%	5.0	7.6	9.5
Cannabinol (CBN)	0.6%	1.7	2.5	3.2
Cannabichromene (CBC)	1.0%	2.8	4.2	5.3

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.1%
β -Pinene	<0.1%
β -Myrcene	0.2%
Limonene	0.5%
Ocimene	0.2%
Linalool	0.2%
β -Caryophyllene	0.5%
Humulene	0.2%


Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **TG-161026**

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

