Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin D Pure 420 VPen - 420mg
V1
NDC: 2645

Batch: AGL-BD-161108
Ingredients: Cannabis Oil.

Packaging Date: 11/14/2016 Net Wt: 0.53 g
Expiration Date: 11/11/2017 0.02 oz
Testing Date: 11/11/2016
Flower Equivalence: 1.6 grams
Microbiology, Mycotoxins, Heavy Metals, Pesticides - ALL PASS
Contains Terpenes:

a-Pinene	0.1 %	Ocimene	< 0.1 %
B-Pinene	< 0.1 %	Linalool	0.1 %
B-Myrcene	0.3 %	B-Caryophylene	0.8 %
Limonene	0.3 %	Humulene	0.3 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
1.1 mg	417.1 mg	0.5 mg	1.1 mg	3.7 mg	6.4 mg	1.6 mg	5.3 mg
0.2 %	78.7 %	0.1 %	0.2 %	0.7 %	1.2 %	0.3 %	1.0 %

Sativarin D Pure 420 VPen V1
NDC#2645 Expiration: 11/11/17
See vial for more information

PURE ANALYTICS,INC
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1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

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

Results issued on: 11/11/2016 COA No.: 21111116-A

Client Lot Number	Sample ID	Tests Conducted
BD-161108	3203-3 3203-4	Quality Control Analysis
	3203-4	Active Ingredient Analysis
	3203-4	Terpene Analysis

Quality Control Results

Test	Specification	Results (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
	Staph. aureus (absence)	Pass
	Pseud. aeruginosa (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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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)	0.2%	0.6	0.8	1.1
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	78.7%	220.4	330.5	417.1
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)	0.7%	2.0	2.9	3.7
Cannabigerol (CBG)	1.2%	3.4	5.0	6.4
Cannabinol (CBN)	0.3%	0.8	1.3	1.6
Cannabichromene (CBC)	1.0%	2.8	11.8	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	0.3%
Limonene	0.3%
Ocimene	<0.1%
Linalool	0.1%
β-Caryophyllene	0.8%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **BD-161108**

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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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Client Lot Number: BD-161108


400 Frontage Road
VPen - 250mg
Batch: AGL-FP-160
Ingredients: Vapor
Polyethylene Glycol
< 0.1 %
0.5 %
0.4 %
0.2 %
CBD
< 0.1 mg
< 0.1 %
CBG-A
3.4 mg
0.8 %