

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin E Pure VPen
385
NDC: 4065

Batch: AGL-GD-F4H12-171120-O
Ingredients: Cannabis Oil

Packaging Date: 12/14/2017 Net Wt: 0.52 g
Expiration Date: 11/29/2018 0.02 oz
Testing Date: 11/29/2017
Flower Equivalence: 1.54 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS
Contains Terpenes:

a-Pinene	< 0.1 %	Ocimene	< 0.1 %
B-Pinene	< 0.1 %	Linalool	1.0 %
B-Myrcene	0.1 %	B-Caryophyllene	1.1 %
Limonene	0.3 %	Humulene	0.3 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
0.5 mg	385 mg	0.5 mg	1.0 mg	2.1 mg	7.9 mg	2.1 mg	4.2 mg
0.1 %	73.8 %	0.1 %	0.2 %	0.4 %	1.5 %	0.4 %	0.8 %

Sativarin E Pure VPen 385

NDC: 4065 Expiration: 11/29/18

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: 11/29/2017 COA No.: 21112917-C

Client Lot Number	Sample ID	Tests Conducted
GDF4H12-171120-O	3291-14	Quality Control Analysis
	3291-10	
	3291-10	Active Ingredient Analysis
	3291-10	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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Client Lot Number: MP-F1H12-170925-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 516-mg of product	mg per 524-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.1%	0.5	0.5	0.5	1.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	73.8%	369	381	385	738
Cannabidiol Acid (CBD-A)	0.1%	0.5	0.5	0.5	1.0
Cannabidiol (CBD)	0.2%	1.0	1.0	1.0	2.0
Cannabigerol Acid (CBG-A)	0.4%	2.0	2.1	2.1	4.0
Cannabigerol (CBG)	1.5%	7.5	7.7	7.9	15.0
Cannabinol (CBN)	0.4%	2.0	2.1	2.1	4.0
Cannabichromene (CBC)	0.8%	4.0	4.1	4.2	8.0

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	0.1%
Limonene	0.3%
Ocimene	<0.1%
Linalool	1.0%
β -Caryophyllene	1.1%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **MP-F1H12-170925-O**

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: **MP-F1H12-170925-O**

Labs 400 Frontage Road

250 VPen - 250

Batch: 1
Ingredient: 1
Polymer: 1

53

Metals,

Terpene	< 0.1 %
Alcohol	0.5 %
Carvophyllene	0.4 %
Monoterpene	0.2 %

Unit:

0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

CBC

3.4
0.8

arin L 250 VP
86 Expiration
for more info