

Sativarin A VPen - 200mg

Advanced Grow Labs
400 Frontage Road
West Haven, CT 06616

OPC Lic #:	Batch #:	Package ID:
1	AGL-VP-TG151120P	1305
Harvest Date:	Vendor Type:	Strain:
Packaged Date:	Expiration Date:	
12-03-2015	11-20-2016	
Gross Weight:	Net Weight:	MIP Weight:
0.20 GR	0.20 GR	



Ingredients:

Vaporizer Cartridge: 420mg Cartridge. 252.52mg Sativarin A Cannabis Oil, 167.48mg PEG. THC Total Content 195.60mg.

Cannabinoid Content per Cartridge: THC 193.30mg, THC-A 2.30mg, CBD <0.10mg, CBD-A 0.20mg, CBN 1.60mg

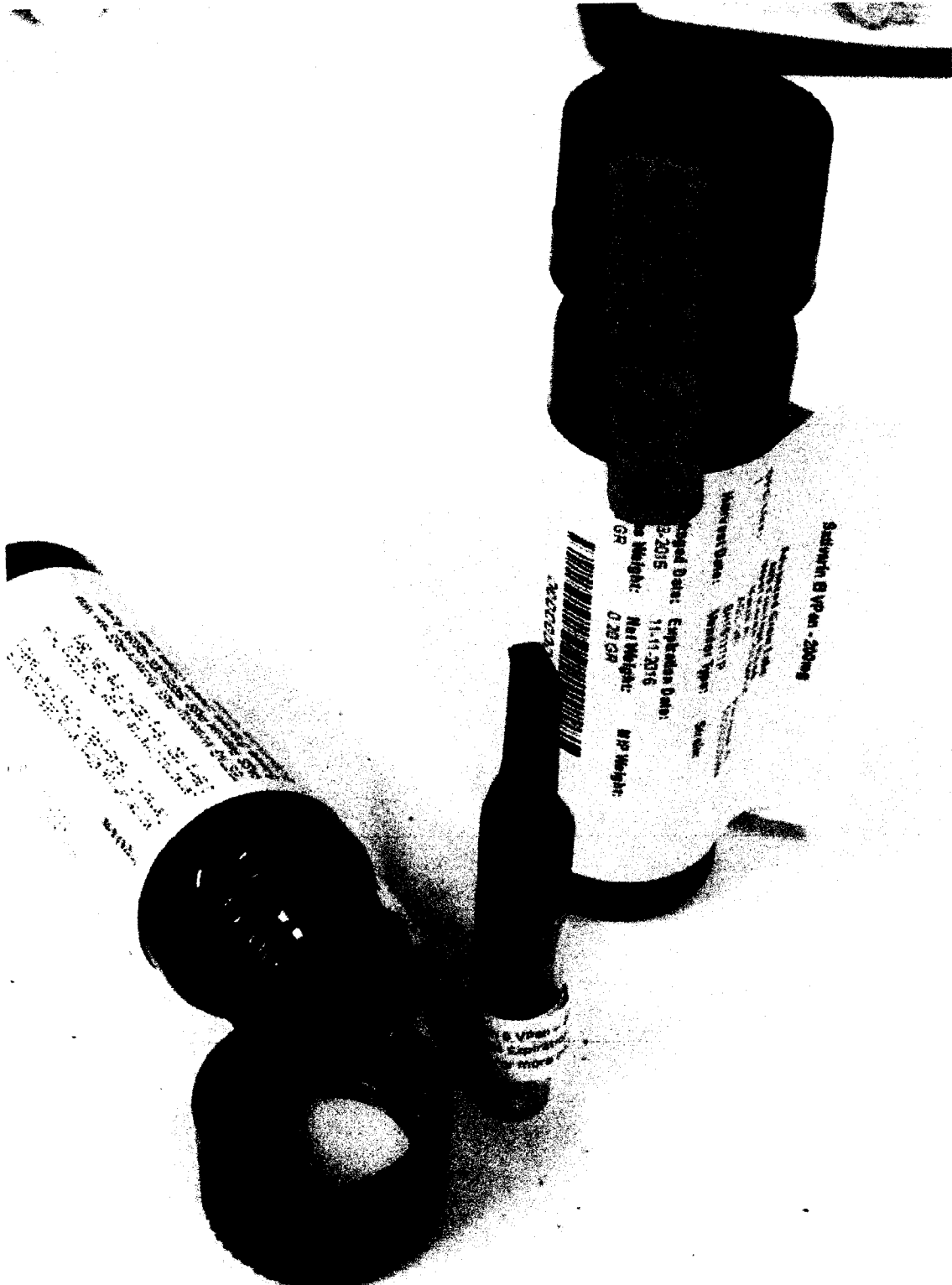
TESTING: Microbiology PASS, Mycotoxins PASS, Heavy Metals PASS, Pesticides PASS. TERPENOIDS PRESENT: A-pinene, B-pinene, B-Myrcene, Limonene, Ocimene, Linalool, Beta-Caryophyllene, Humulene

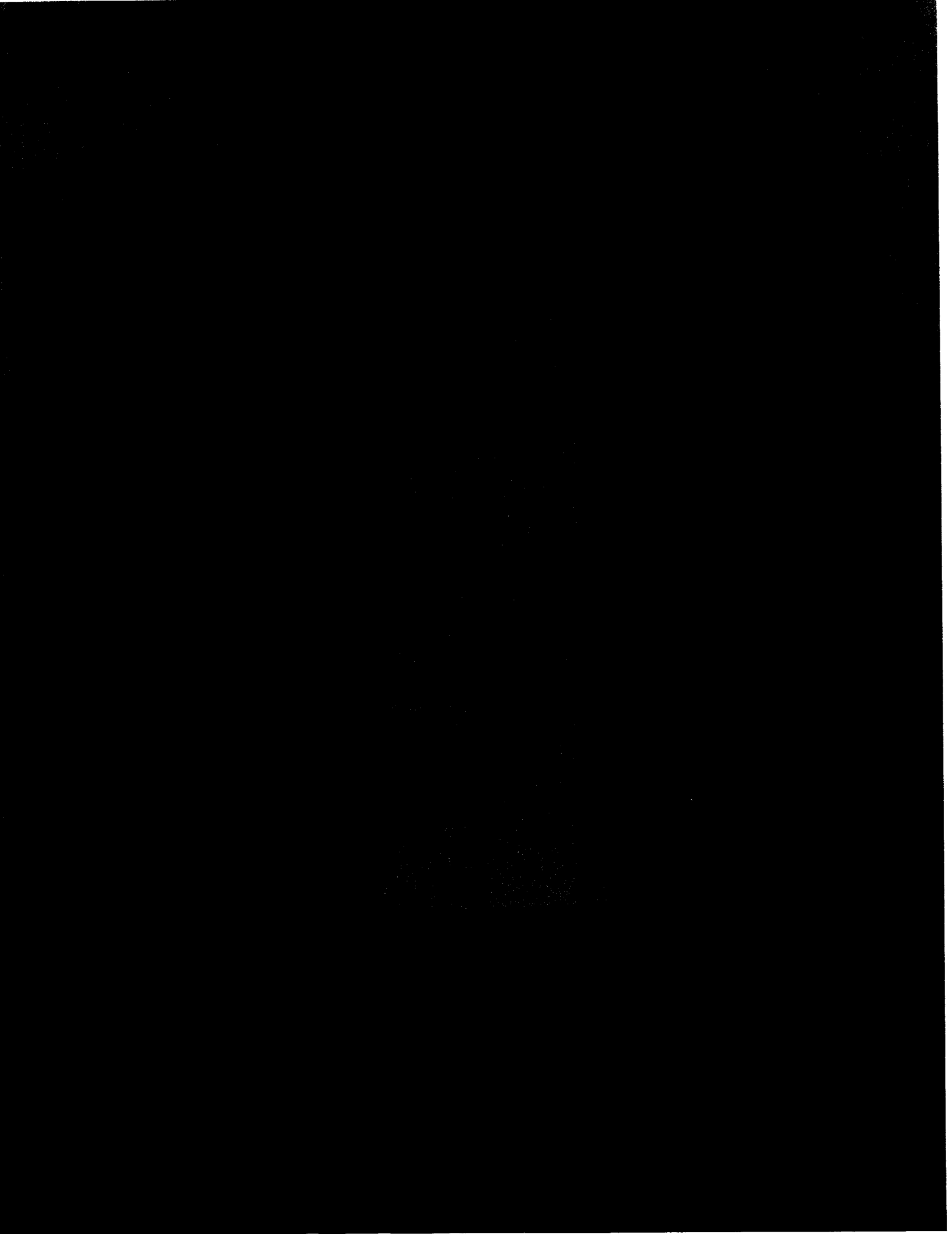
This product contains the equivalent of 2 grams of flower

Sativarin A PURE CANNABIS OIL POTENCY THC 76.26%, THC-A 1.20%, CBD <0.01%, CBD-A 0.08%, CBN 0.62%

Sativarin A + PEG BLENDED CANNABIS OIL POTENCY

<u>Advanced Grow Labs</u>		Tested On: 2015-11-20	
THC:	46.03%	CBD:	<0.01%
THCA:	0.71%	CBDA:	0.05%
DTHC:	NT	CBN:	0.37%





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

Results issued on: 12/2/2015 COA No.: 21120215-A

Client Lot Number	Sample ID	Test Conducted
TG151120PEG	21120115-1	Active Ingredient Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 420 mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.71%	2.3
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	46.03%	193.3
Cannabidiol Acid (CBD-A)	0.05%	0.2
Cannabidiol (CBD)	<0.01%	<0.1
Cannabigerol Acid (CBG-A)	0.59%	2.5
Cannabigerol (CBG)	0.97%	4.1
Cannabinol (CBN)	0.37%	1.6
Cannabichromene (CBC)	0.57%	2.4



Results Approved by: Jose A. Zavaleta, Lab Director

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

Results issued on: 11/26/2015 COA No.: 21112615-A

Client Lot Number	Sample ID	Tests Conducted
TG151120	21112315-1	Quality Control Analysis
	21112315-2	Active Ingredient Analysis
	21112315-2	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Specification</u>	<u>Results</u> <u>(Pass/Fail)</u>
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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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.20%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	76.26%
Cannabidiol Acid (CBD-A)	0.08%
Cannabidiol (CBD)	<0.01%
Cannabigerol Acid (CBG-A)	0.99%
Cannabigerol (CBG)	1.63%
Cannabinol (CBN)	0.62%
Cannabichromene (CBC)	0.94%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.09%
β -Pinene	0.05%
β -Myrcene	0.36%
Limonene	0.71%
Ocimene	0.10%
Linalool	0.37%
β -Caryophyllene	0.39%
Humulene	0.13%



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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